

**THOMAS THOMPSON**  
SOFTWARE ENGINEER

**Education**  
Rochester Institute of Technology  
B.S. Computer Science 2010  
Minor: Applied Mathematics

**Employment**  
**Corospace Sciences** Boston, MA  
Software Engineer Jun 2012 to Current

- Designed and implemented new version of Corospace's full-body motion-tracking software.
- Work resulted in a 25% increase in accuracy and 15% increase in speed over the existing version.

**Emotionally** New York, NY  
Computer Vision Engineer Jun 2010 to Apr 2012

- Specialized in applying emotion recognition and classification algorithms to video frames towards Emotionally's new video-based emotion-recognition product.
- Assisted with modeling and converting data into formats for input into neural networks.

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Software Engineer Intern Jun 2009 to Aug 2009

- Expanded Emotionally's emotion recognition algorithms to support six additional emotion classifications.
- Compressed data storage model resulting in a 25% size reduction without data loss.

**Codeall Foundation** Remote  
Python Course Planner Oct 2008 to Dec 2008

- Created three 10-lesson interactive courses for teaching Python and data science to middle and high school students through Codeall's website.
- Taught several live workshops for Codeall's students.

**Projects**

**Intersect Image Sorter**

- Developed an web-based automatic image categorizer and sorter based on various image properties.
- Applied basic computer vision techniques for sorting.
- Created web stack using Django.

**Dad-Hat Android App**

- Co-wrote an Android app enabling users to sending pictures of themselves wearing various cartoon hats.
- Specialized in applying facial recognition techniques to automatically place hats properly in the images.
- Won 1st place in school club Android hackathon.

**Skills**

**LANGUAGES**  
C++  
Java  
Python  
Ruby  
HTML  
JavaScript

**PLATFORMS**  
OpenCV  
Matlab  
Django  
Android  
jQuery

**JENNIFER JENSON** MARKETING & FINANCE  
jens2481@rit.edu | 585-230-2041 | See Jena, CA

**SUMMARY**  
MANAGEMENT / MARKETING ANALYTICS or related entry-level opportunity to apply market research and analytics skills to drive revenue and growth through targeted campaigns that effectively identify and acquire key accounts and increase conversion rates. Qualifications include completion of Bachelor of Science program in Marketing and Finance summa cum laude, leading a team capstone research project in market analytics for a local non-profit organization; experience and certifications in the operation of Microsoft Office, Intuit Quickbooks, and Google Analytics software applications; proven experience in team communication, strategy development, and market analysis through internships and part-time roles with a marketing focus.

**EDUCATION**  
**San Jose State University**  
Bachelor of Science in Marketing Administration | Marketing 2014

**INTERNSHIP**  
**Mediagape Technologies, Financial Analyst Intern** Jun 2012 - Aug 2013

- Performed financial analysis study on domestic and overseas suppliers for mechanical components of next-gen MRI.
- Conducted supplier strategic relations impact study based on customer forecast reports.
- Both studies culminated in identifying the problems and recommendations needed for Mediagape Technologies to improve their financial performance.
- Managed poster advertising campaign for neurologically digital advertising graphic artists.

**SKILLS**  
Financial analysis and research, Market research, analysis, & strategy, Sales demographic analysis, New media campaign management, Strategic business relations development, Brand advertising campaign management, Strategic management of technology innovation

**VOLUNTEERING**  
**B. Milekovic Foundation - New Media Marketing Coordinator**

- Initiated organization practice of using online crowdfunding platforms for medical donation campaigns, leading to an increase in donations raised from \$62,000 over the previous year to \$152,000 raised over the current year
- Coordinated new biweekly blog post campaign on success stories that resulted from previous donated campaigns.

**thomas thompson** software engineer  
thom@thompson.io | thompson.io | 512-747-4900 | @thomthomp | thomstump

**summary**  
Specializing in advanced computer vision topics such as facial recognition and full-body motion-tracking. Seeking work in the Boston area with exciting research and applications.

**employment**  
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- Specialized in applying facial recognition techniques to automatically place hats properly in the images.
- Won 1st place in school club Android hackathon.

**skills**

**LANGUAGES**      **PLATFORMS**  
C++                  Android  
HTML                Django  
Java                  jQuery  
JavaScript            MatLab  
Python                OpenCV  
Ruby

# STAND OUT

Craft and Publish your résumé

Yang Du  
Yirong Wang

# Content

1. Brief Introduction
2. Technology
3. Product Feature
4. Timeline

# Brief Introduction

1. Multi resume template
2. Import & edit & download & share
3. Resume square

## Elon Musk

elonmusk@teslamotors.com  
630 681-5800  
Los Angeles, USA  
elon.musk



Aiming to reduce global warming through sustainable energy production and consumption, and reducing the "risk of human extinction" by "making life multi-planetary" and setting up a human colony on Mars.

### Work Experience

**Chairman**  
SolarCity  
Created a collaboration between SolarCity and Tesla to use electric vehicle batteries to smooth the impact of rooftop solar on the power grid.  
Provided the initial concept and financial capital.

**CEO and Product Architect**  
Tesla Motors  
Currently oversee the company's product strategy - including the design, engineering and manufacturing of more and more affordable electric vehicles for mainstream consumers, focused on using carbon fiber composite materials in the hull to minimize weight, developed the battery module and even some elements of design, like the headlights.  
Received Global Green 2006 product design award for Tesla Roadster design.

**CEO and CTO**  
SpaceX  
Plans to reduce space transportation costs to enable people to colonize Mars.  
Oversee the development of rockets and spacecraft for missions to Earth orbit and ultimately to other planets.  
Developed the Falcon 9 spacecraft, which replaced the space shuttle when it retired in 2011.

**CEO**  
X.com and PayPal  
Involved in the development of new business models, conducted a successful viral marketing campaign, which led to a rapid increase in the number of customers.  
Created a method of securely transferring money using a recipient's e-mail address.

**Co-founder**  
Zip2  
Created a platform where newspapers - including credible sites at New York Times - could offer their customers some additional commercial services.

### Education

**Bachelor of Science in Economics**  
Wharton School of the University of Pennsylvania

**Bachelor of Science in Physics**  
Penn's College of Arts and Sciences

### Skills & Competences

Thinking through first principles	100%
Micro-managing	80%
Goal oriented	100%
Future focused	100%
Critical thinking	80%
Resiliency	100%
Verbal and written communication	80%
Leadership	100%
Creativity	80%
Time Management	100%

### Achievements & Certificates

IEEE Honorary Membership (2013)  
Given to people who have rendered meritorious service to humanity in the IEEE's distinguished fields of interest.

Businessperson of the Year by Fortune Magazine (2013)  
Prize awarded for the following companies: "SpaceX", "Tesla Motors" and "SolarCity"

FBI Gold Space Medal (2010)  
One of the highest honors in the aerospace industry, shared with prominent personalities like Neil Armstrong and John Glenn.

Honorary doctorate in Design from the Art Center College of Design

Honorary doctorate (DUniv) in Aerospace Engineering from the University of Surrey

Honorary doctorate of Engineering and Technology from Yale University

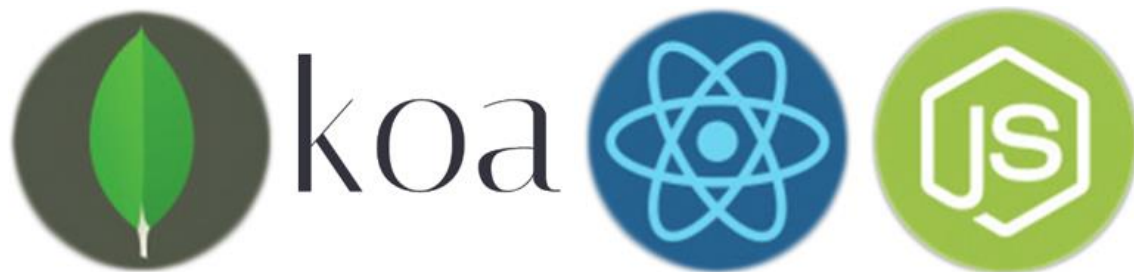
### Languages

English | Afrikaans

### Interests

Physics | Sustainability | Philanthropy | Extraterrestrial life | Alternative energy sources | Space engineering | Reading | Video games

# Technology



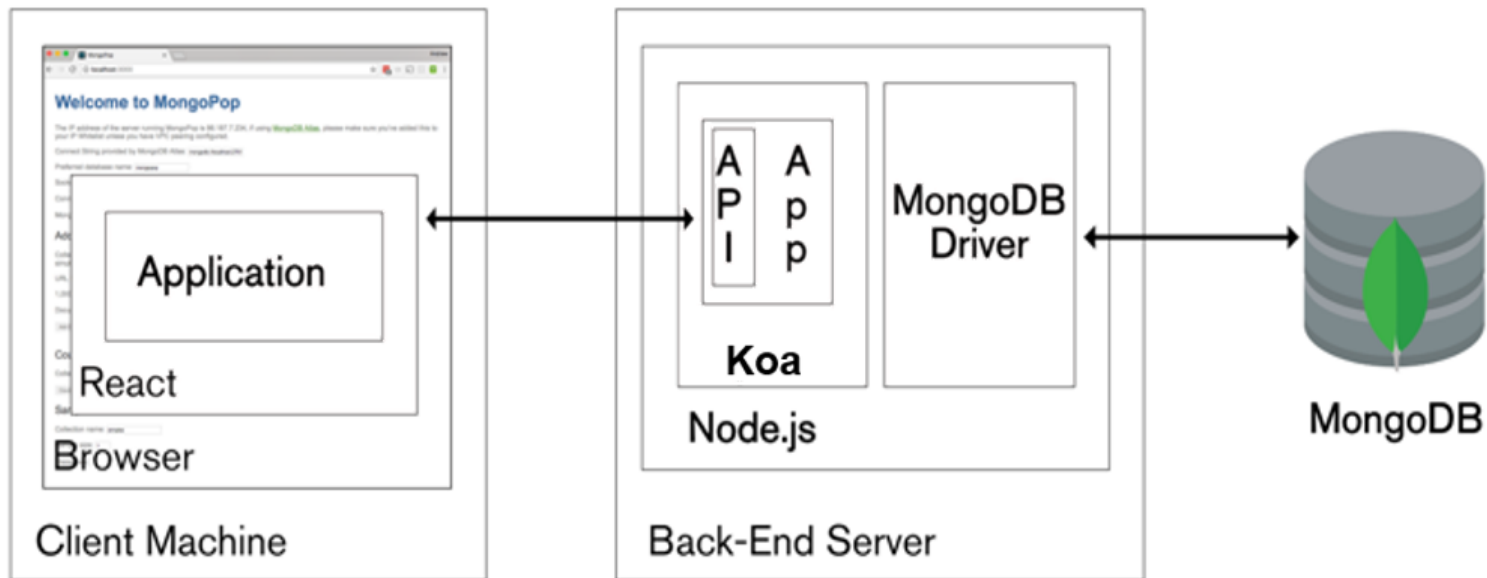
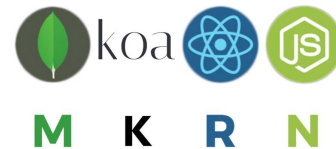
**M**

**K**

**R**


**N**

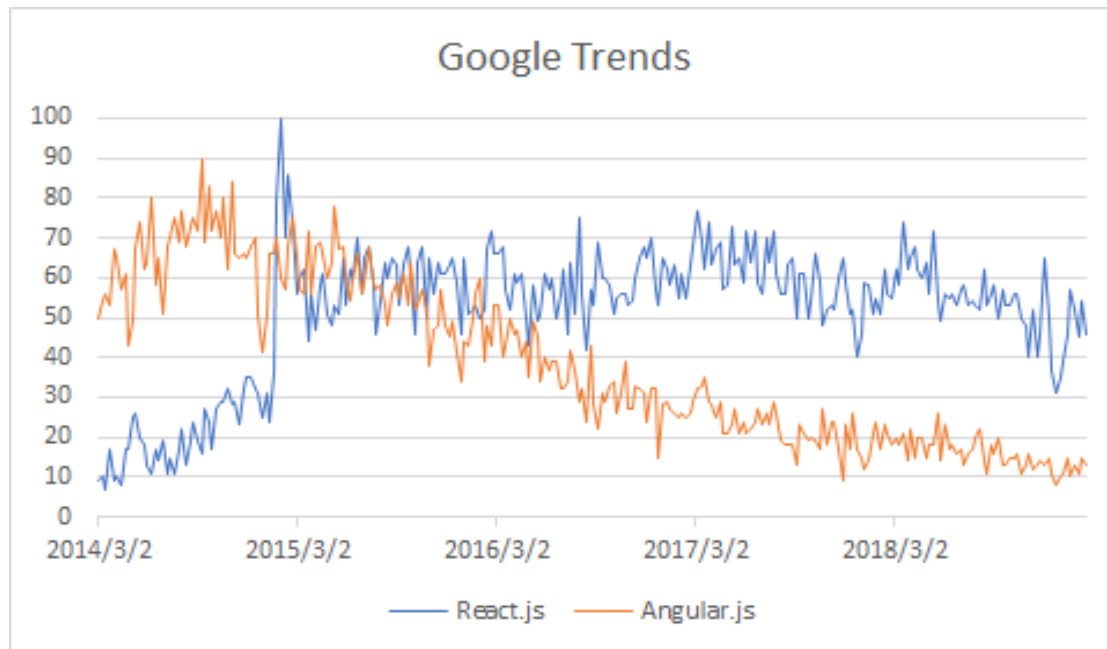
# Technology



# Technology

React 

1. History
2. vs AngularJS
3. Router 



# Technology

React Router 

collection of navigational components  
declarative routing for React

```
import { Router } from 'react-router';  
render(<Router/>, document.getElementById('myApp'));  
  
import { Router, Route, hashHistory } from 'react-router';  
render((  
  <Router history={hashHistory}>  
    <Route path="/" component={App}/>  
  </Router>  
) , document.getElementById('myApp'));
```

# Technology

React Router



History attribute:

hashHistory

browserHistory

createMemoryHistory

## hashHistory

example.com/#/some/path

```
import { hashHistory } from 'react-router'
render (
  <Router history={hashHistory} routes={routes} />,
  document.getElementById('myApp')
)
```

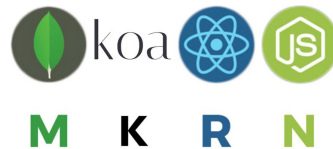
## browserHistory

example.com/some/path

```
import { browserHistory } from 'react-router'
render (
  <Router history={browserHistory} routes={routes} />,
  document.getElementById('myApp')
)
```



# Technology



NodeJS 

npm 

```
|— main.js
|— module
   |— aTool
      |— package.json
      |— aTool.js
```

```
let require "./modules/aTool"
```

```
{
  "name": "aTool",
  "version": "1.0.0",
  "main": "./aTool.js"
}
```

# Technology



vs Express.JS

async/await vs callback

error handler



## koa

```
1 const Koa = require('koa');
2 const app = new Koa();
3 app.use(ctx => {
4   ctx.body = 'Hello Koa';
5 });
6 app.listen(3000);
```

## express

```
1 const app = require("express")();
2 app.use((req,res,next)=>{
3   res.status(200).send("<h1>headers ...</h1>");
4 });
5 app.listen(3001);
```

# Technology

MongoDB



vs MySQL



test.inventory

DOCUMENTS 5 TOTAL SIZE 560B AVG. SIZE 112B INDEXES 1 TOTAL SIZE 36.0KB AVG. SIZE 36.0KB

DOCUMENTS SCHEMA EXPLAIN PLAN INDEXES VALIDATION

FILTER { status: { \$in: [ "A", "D" ] } } OPTIONS FIND RESET

INSERT DOCUMENT VIEW LIST TABLE 5 documents. C

```
{
  "_id": ObjectId("5a1468c1a769896e78222e5f"),
  "item": "journal",
  "qty": 25,
  "size": Object,
  "status": "A"
}
```

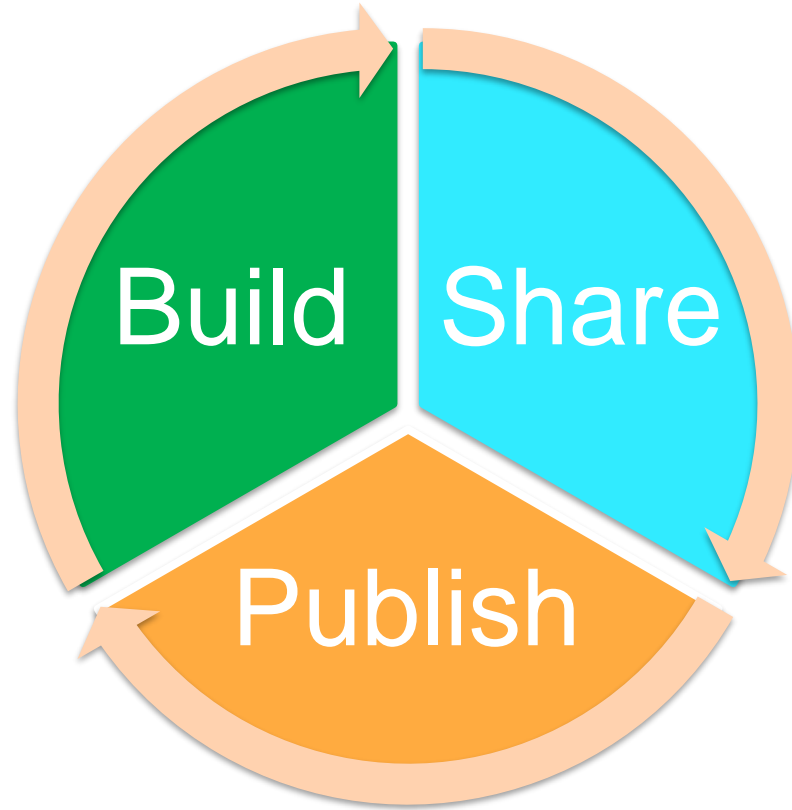
```
{
  "_id": ObjectId("5a1468c1a769896e78222e60"),
  "item": "notebook",
  "qty": 50,
  "size": Object,
  "status": "A"
}
```

```
{
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  "item": "paper",
  "qty": 100,
  "size": Object,
  "status": "D"
}
```

```
{
  "_id": ObjectId("5a1468c1a769896e78222e62"),
  "item": "planner",
  "qty": 75,
  "size": Object,
  "status": "D"
}
```

```
{
  "_id": ObjectId("5a1468c1a769896e78222e63"),
  "item": "postcard",
  "qty": 45,
  "size": Object,
  "status": "A"
}
```

# Product Feature

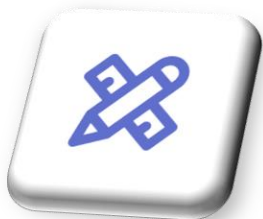


# Resume Build: JSON, Born out of JavaScript

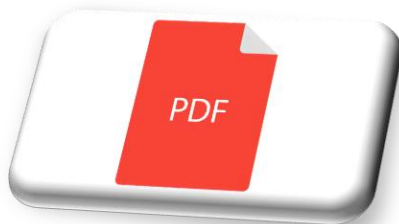
STAND OUT



```
{  
  "title": "Basic Information",  
  "data": [  
    "firstname: Yirong",  
    "lastname: Wang",  
    "email: ywang352@syr.edu"  
  ]  
}
```



Online Edit



Import from PDF



LinkedIn Profile API

# Resume Build: Render by Themes

STAND OUT

```
{  
  "title": "Basic Information",  
  "data": [  
    "firstname: Yirong",  
    "lastname: Wang",  
    "email: ywang352@syr.edu"  
  ]  
}
```

yirong wang  
✉ ywang352@syr.edu

YIRONG WANG

✉ ywang352@syr.edu

YIRONG WANG

✉ ywang352@syr.edu

# Resume Build: Extra Resum Extra Opportunity

STAND OUT

```
{
  "occupation": "data scientist",
  "experience": [
    "...",
    "...",
    "..."
  ]
}
```

Apply as data engineer

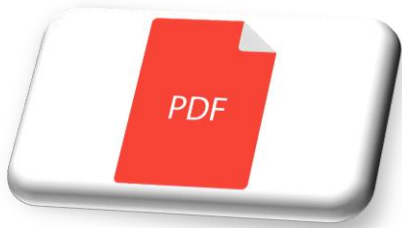


```
{
  "occupation": "back-end engineer",
  "experience": [
    "...",
    "...",
    "..."
  ]
}
```

Apply as backend  
software engineer



# Resume Share



Download as PDF



By short URL



By Tweet



# Resume Publish: Stand Out in Square

**THOMAS THOMPSON**  
SOFTWARE ENGINEER

✉ thomasthompson@creddle.io  
📧 tom@square.com  
📞 555-248-0910  
📍 @thomasthompson  
📍 thomasthompson

Specializing in advanced computer vision topics such as facial recognition and full-body motion-tracking. Seeking work in the Boston area with exciting research and applications.

**Skills**

LANGUAGES  
C++  
Java  
Python  
Ruby  
HTML  
JavaScript

PLATFORMS  
OpenCV  
Matlab  
Django  
Android  
jQuery

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Software Engineer Jun 2012 to Current

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**MARKETING & FINANCE**

**SUMMARY**

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**EDUCATION**

**San Jose State University**  
Bachelor of Science in Business Administration Finance and Marketing 2014

**EMPLOYMENT**

**SJSU College Activities Board, Marketing Advisor** Sep 2013 - Current

- Managed marketing campaigns for campus events across poster advertising, social media, and outreach events
- Coordinated and conducted live market research studies for the promotion of social and athletic performances and guest speakers
- Market analysis and advertising campaign management for a local business
- performed/assisted with live major

**Medpace Technologies, Financial Analyst Intern** Jun 2012 - Aug 2013

- Performed financial analysis study on domestic and overseas suppliers for mechanical components of heat-gren (MRI)
- Conducted supplier strategic relations impact study based on customer forecast reports
- Both studies assisted in providing the information and recommendations needed for Medpace Technologies to select suppliers for all MRI components and secure contracts within two weeks after its formal presentation

**SJSU College Activities Board, Marketing Advisor** Sep 2012 - May 2013

- Designed and conducted feedback research studies for all major performance events through the year
- Managed poster advertising campaigns in coordination with digital advertising graphic artists

**SKILLS**

Financial analysis and research, Market research, analysis, & strategy, Sales demographic analysis, New media campaign management, Strategic business relations development, Brand advertising campaign management, Strategic management of technology innovation

**VOLUNTEERING**

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📍 thompson

**software engineer**

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JavaScript  
Python  
Ruby

PLATFORMS  
Android  
Django  
jQuery  
Matlab  
OpenCV

# Teamwork

Yang Du:

- UI design

- Implement “Build” function

Yirong Wang:

- System architecture & data structure design

- Development environment (MKRN) initialization

- Implement “Share” & “Publish” function

Co-work:

- Project integration, slides preparation

# Timeline

Schedule	Task
Mar 1 <sup>st</sup> – Mar 7 <sup>th</sup>	Deploy development environment, design data structure
Mar 8 <sup>th</sup> – Mar 25 <sup>th</sup>	UI design Implement “Create” part Rendering and persistence Along with test and debug
Mar 26 <sup>th</sup> – Apr 10 <sup>th</sup> Apr 2 <sup>nd</sup>	Implement “Share”: generating short url “Publish”: resume square module Prepare probe presentation
Apr 11 <sup>th</sup> – Apr 17 <sup>th</sup>	Add extra feature: extra resume, extra data import and share approach
Apr 18 <sup>th</sup> – Apr 25 <sup>th</sup>	Test website all function Prepare final presentation

# Thanks for Attention

Q&A

Yang Du  
Yirong Wang