

# Jonathan Zhou

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## Education

**Binghamton University, State University of New York, School of Management**

Graduated May 2015

*B.S. in Management with Concentrations in Marketing and Consulting & Leadership*

GPA 3.67/4.00 | Dean's list Spring 2012 – Fall 2013 | Graduated *cum laude*

## Engineering Skills

**Programming Languages:** Python (Proficient), Javascript (Proficient), Java (Familiar)

**Frameworks:** React, Angular, Django/Django REST, Meteor, Express

**Tools:** Redux, Webpack, MongoDB, Postgres, Node, AWS, Bootstrap, Materialize, Semantic-UI, Google-Maps API,

**Hard Skills:** Full-Stack Engineering, Object Oriented Programming, Algorithm Design, UI Design

**Soft Skills:** Communication, Problem Solving, Systems Thinking, Adaptivity, Getting Stuff Done

## Professional Experience

### Rotopros

October 2017 - Present

*Software Engineer: Contract*

- Developed the client-side and server-side of Rotopros using the MEAN stack, fixing critical bugs and updating the existing spaghetti codebase into a clearer and easier to understand format
- Managed deployment of application from development to production, using tools like Gitlab, AWS, and nginx as deployment infrastructure to make the website production ready
- Performed various tasks to maintain the long term health of the project, such as creating detailed documentation and setting up basic security

### WrkBook

July 2017 – October 2017

*Web Developer*

- Developed the website [www.wrkbook.com](http://www.wrkbook.com) using React, Materialize, and Meteor, resulting in a clean and reusable front end and secure data transfer between the client and server
- Helped design the UI of [wrkbook.com](http://wrkbook.com) to improve user friendliness, accessibility, and aesthetics, resulting in a more pleasant user experience
- Performed various utility tasks to grow WrkBook, such as creating documentation, developing web automation, and creating scripts to maintain the database

### Argyle Executive Forum

June 2015 – February 2017

*Membership Team*

- Maintained the membership team's database using Python and Pandas, keeping marketing data clean and up to date and improving the team's long term health
- Created desktop utility scripts and applications using Python to automate the team's daily tasks, shifting their attention away from administrative details and towards critical marketing efforts
- Leveraged Marketo data tools and filter logic to analyze effective marketing strategy and operations, creating a structure for Argyle membership team to most effectively engage audience
- Conducted marketing, strategy, and operations for over 30 executive summits, applying organizational and multitasking abilities to recruit for and maintain multiple simultaneous events while balancing priorities with internal teams

## Projects

- **FreeToday:** What's going on in your neighborhood? Meteor, React, MongoDB, Google-Maps-API
- **OfficialUnderblue:** Official website of the NYC indie rock band Underblue. React, Webpack, Semantic UI
- **Self-Driving Car:** Self-driving car desktop app, operates and learns using neural networks. Python, Kivy, Pytorch