

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), PHP (Familiar), Java (Familiar)
Frameworks: React, Angular, Django/Django REST, Meteor, Express, Vanilla JS
Tools: Redux, Webpack, MongoDB, MySQL, AWS, Google-Maps API, Stripe API
Hard Skills: Full-Stack Engineering, Object Oriented Programming, Systems Design, UI Design
Soft Skills: Communication, Problem Solving, Systems Thinking, Quick Learning, Getting Stuff Done

Professional Experience

Geopipe December 2017 - Present

Software Engineering Consultant

- Revamped Geopipe's client-facing website from scratch, consciously improving UI, design, and ease of understanding for better customer experience
- Reorganized routing and backend configuration using PHP, standardizing Geopipe's rendering logic across multiple programs to make a more robust and maintainable system
- Implemented Python and PHP based API to deliver interactive models to clients, enabling Geopipe's core product and customizing product for specific client needs

Rotopros October 2017 - Present

Software Engineering Independent Contractor

- 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 Development Intern

- Developed the website www.wrkbook.com using React, Materialize, and Meteor, resulting in an intuitive and user-friendly frontend and secure backend
- 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
- Conducted marketing, strategy, and operations for over 30 executive summits, applying organizational and multitasking abilities to maintain multiple simultaneous events with various internal teams

Personal Projects

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- [FreeToday](#): What's going on in your neighborhood? Meteor, React, MongoDB, Google-Maps-API
 - [OfficialUnderblue](#): Official website of the NYC rock band Underblue. React, Webpack, Semantic UI