

Highly motivated full stack engineer that enjoys working closely with stakeholders and learning new technologies and techniques to deliver the best version of their vision.

## Technologies Used

**Frontend:** React, Redux, Typescript / Javascript, CSS, SASS, CSS-in-JS, Webpack, Babel

**Testing:** Jest, Nightwatch, TestCafe, Cucumber, PyTest, Selenium

**Backend:** NodeJS, ExpressJS, Python, Flask, C++

**Database:** Postgres, Apache SOLR, Redis

**CI:** Jenkins, Docker, Git

## Technologies Used

- AngularJS (1.x), JQuery
- PHP, Symfony, Doctrine ORM

## Technologies Used

- Java, Microsoft PowerPoint

## Education

**B.S. in Computer Science,**  
University at Buffalo  
May 2016

## Bloomberg LP

*2016 - Present*

Maintained and developed two client facing, full stack, enterprise web applications built primarily using ReactJS and Typescript. Enterprise Access Point (EAP) allows clients to create, search, purchase, and download financial datasets. Customer Service Center allows users to manage their billing, reporting, create tickets, and other self service focused workflows.

### Enterprise Access Point

- Designed and implemented full stack features using React, Typescript, NodeJS, Python, and Flask.
- Built a dynamic micro frontend framework that enabled composing frontend applications together allowing each application to be released independently and control it's own dependencies.
- Main technical contact for a high impact project responsible for coordinating with another engineering team, identifying and mitigating risks, and communicating to the UAT team.

### Bloomberg Web Community

- Core contributor for an inner sourced React component library which involved building components and working with internal stakeholders across the firm.
- Presented internal tech talks on internationalization and creating a maintainable code base using Typescript and React Hooks.

### Customer Service Center

- Developed Jenkins pipelines that automated manual processes and workflows such as assigning developers to Pull Requests to decrease review time, run new lint rules against new code, and rerun end to end test on failures.
- Deployed Selenium grid to cloud computers to allow E2E tests to run in parallel on multiple browsers cutting E2E test time in half and increasing browser coverage.

## MCS Solutions

*2015 - 2016*

- Consolidated multiple JQuery script and style tags into AngularJS controllers and stylesheets.
- Developed interactive client workflows using PHP Symfony to serve data via AJAX by reading from a DB using Doctrine ORM.
- Created custom interactive charts by forking and modifying an AngularJS library built on top of D3.js.

## Teaching Assistant

*2013 - 2015*

- Responsible for teaching multiple Java labs consisting of between 20-30 students each.
- Taught multiple lectures consisting of over 100 students.
- Developed a real time 2D game engine in Java for students to create interactive programs to explore object oriented programming concepts.

## Personal

- Over 100 hours volunteered planting trees, walking rehabilitated dogs, working in food pantries and more
- Over \$10,000 raised for the Leukemia & Lymphoma Society
- Contributed a small NodeJS enhancement during a NodeJS conference workshop