

## > projects

### BEACON

Mar 2017

- Full-stack app integrating Google Maps and Seattle.gov crime data enables users to find safer routes by displaying routes and relevant crime data. Crimes can be filtered by type, time of day, and closeness to path.
- Key Technologies: MongoDB, Express, AngularJS, NodeJS, Bootstrap.

### MARKET TRACKER

Feb 2017

- Responsive full-stack app allows users to research financial news and view stock market data. Logged in users can "watch" and "buy" stocks, analyze "portfolio" performance, and create custom charts.
- Key Technologies: MongoDB, Express, AngularJS, NodeJS, Bootstrap.

### TRAVEL EASY

Jan 2017

- Responsive full-stack app makes comparing weather for multiple cities a breeze. Logged in users can save cities and compare upcoming and historical weather data.
- Key Technologies: PostgreSQL, Express, EJS-Layouts, NodeJS, Materialize.

### WOLFRAM|BETA

Dec 2016

- Responsive app demonstrates simple data manipulations implemented in Javascript. Users can view algorithm code for reference.
- Key Technologies: Express, AngularJS, NodeJS, Bootstrap.

## > experience

### GENERAL ASSEMBLY

Seattle, WA

#### Full-Stack Web Development Student

Nov 2016 - Mar 2017

- Full-stack web development program with 600+ hrs in class and creating deliverables across 12 weeks.
- Highly focused in implementation of the MEAN stack and with exposure to ReactJS, Python and Django.
- Agile work environments and Git work flows utilized in assignments and one-week project sprints.

### EDT-ENZYMATIC DEINKING TECHNOLOGIES, LLC

Seattle, WA

#### Lead Field Service Engineer

Aug 2015 - Nov 2016

- Developed Excel and VBA-based data visualization and analytics platform used by all Field Engineers.
- Remote and on-site customer responsibility as Lead Data and Graphics Expert for over 20 accounts in 6 countries.
- Built and presented to stakeholders trial reports for Western Region.
- Sole non-executive to present at 2015 Annual Investors' Meeting demonstrating EDT's analytical approach.

### Field Service Engineer

Norcross, GA

Aug 2013 - Aug 2015

- Created and updated analytics databases for Field Service teams.
- Built modules to train new hires on trial analytics and Excel techniques.
- Worked with customers to build custom VBA add-ins improving their data access.
- Designed and analyzed lab-scale DOE projects in Minitab.

### BRISTOL-MYERS SQUIBB: ZYMOGENETICS

Seattle, WA

#### Upstream Process Development Intern

Jun 2012 - Aug 2013

- Competitive internship culminating in a company-wide presentation of research and accomplishments.
- Optimized growth media and fermentation strategies leading to a fivefold increase in cellular growth and production of recombinant protein.
- Contributed to fermentation reactor's process control logic.

## > summary

I am deeply curious and driven by the opportunity to create tools that will help others. My Development experience is complimented by a chemical engineering background and 4 years experience optimizing industrial manufacturing.

## > education

### General Assembly

Web Development Immersive 2017

### University of Washington

B.S. Bioresource Science and Engineering  
2013

## > skills

### LANGUAGES

JavaScript  
Python  
HTML  
CSS

### FRONT-END

AngularJS  
ReactJS  
jQuery  
Bootstrap  
Materialize

### BACK-END

NodeJS  
Express  
MongoDB  
PostgreSQL  
Django

### VERSION CONTROL

GitHub  
Git