

#### education

2015–2019 **Bachelors** of Computer Science

Purdue University

Specialization: Software Engineering

Relevant Course Work: Software Engineering I, Web Applications Development, Data Structures and

Algorithms in Java, Systems programming in C/C++ & SQL

# professional experience

Winter 2018 Software Engineer (Consultant)

Delphi Automotive PLC, Electronics and Safety Laboratory

West Lafayette, IN

• Working on the System Visualization and Optimization Team

Current Undergraduate Teaching Assistant

Purdue University

West Lafayette, IN

Object Oriented Programming in Java

C Programming for Engineers

Marketing & Management for New Ventures

Summer 2017 Full Stack Web Developer, Intern

Angelhack

San Francisco, CA

• Spearheaded migration of database platform from a .NET framework to a Node based system

Assisted UI team in front end development on premier product (hackathon.io)

### projects

FULQRUM Project Manager and Backend Development Lead

Progress: Sprint 2

A Customer Service Analytics tool that allows small business owners the opportunity to analyze their busi-

nesses without having any prior technical knowledge

WebKit Curriculum Engineer and Main Contributor

Progress: USABLE(BETA)

https://github.com/osterhagen/WebDevCheatSheet

A useful resource for novice web developers, covering a broad array of topics from Bootstrap to Object

Oriented JavaScript

Stock Pro Algorithm Engineer and API

Final Sprint

Uses a predictive algorithm to catalog how "emotional" investors are in a certain market by analyzing shifts

in stock during a companies news cycles.

### **Skills**

Languages Java, HTML & CSS, Javascript, LaTeX, SQL

Frameworks Bootstrap, Node.js, MongoDB, React, AWS, .NET

# community involvement

Current Technical Consult and Startup Advisor

Purdue University Department of Entrepreneurship

Purdue University

2016-2017 Treasurer and Corporate Liason

BoilerMake

Purdue University