

Omar Raza

github.com/osterhagen razao@purdue.edu

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 businesses 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 **Proficient:** Java, HTML & CSS, Javascript, LaTeX
Familiar: C/C++, PHP, SQL

Frameworks **Proficient:** Bootstrap, Node.js, React
Familiar: .NET, MongoDB, AWS

community involvement

Current **Technical Consult and Startup Advisor** Purdue University Department of Entrepreneurship
Purdue University

2016-2017 **Treasurer and Corporate Liaison** BoilerMake
Purdue University