

SKILLS

Languages – Python, Java, JavaScript, C++, MySQL, SQLite, HTML, CSS, ES6

Frameworks and Libraries – React.js, Django, Spring, Pandas, JUnit Testing, Jest Testing, PyTorch, TensorFlow, Sass

Tools – IntelliJ, PyCharm, VS Code, GitHub, Jira, Agile, AWS, Weka, VIM, Wing, Data Structures, Algorithms

PROFESSIONAL EXPERIENCE

Web Developer Intern • *PEAK Degrees* • 10/2019 – 8/2020

- Developed 27 mobile friendly, responsive web apps utilizing Squarespace, JavaScript, HTML, and CSS for a wide variety of brands including large names like GoOats, Ford Gum, Strassburger Steaks, as well as small brick and mortar shops and clinics.
- Generated over 430,000 unique viewers, 1,000,000 page views, and \$640,000 for clients across the many ecommerce, blog, and homepage websites detailed in my portfolio over 10 months.
- Helped increase web development team performance by 25% through facilitating a transition to a scrum development cycle using Trello integrated with Slack.

Summer Intern • *LAMCO Slings and Riggings* • 6/2017 – 8/2017

- Increased team productivity by 20% by formatting, creating, and maintaining Creo CAD design projects.
- Ensured OSHA compliance and operator safety by performing physical safety inspections on over 4,000 slings and riggings.
- Delivered imperative parts and documents to clients across the Midwest, replacing or exchanging broken parts.

Engineering Apprentice • *Edgewood Chemical and Biological Center* • 6/2016 – 8/2016

- Organized the software development team by designing, building, and implementing a link management system with C# backend, HTML & CSS frontend, and XML storage which was used daily by the development team.

PROJECTS

Disaster Stocks – Full stack data visualization web app comparing natural disaster location and times with stock prices, written with a React.js frontend and Node.js backend utilizing the Mapbox API, hosted on AWS RDS MySQL and an EC2 instances.

Vanpool Service System – Full stack van ridesharing web app written with React.js, Django, and MySQL (in progress).

Personal Portfolio Website – Single page architecture web app made with React.js, hosted on an AWS S3 Elastic Beanstalk static instance.

WaifuBot – Discord bot trading card game using Discord.js API supported with Node.js and MySQL (in progress).

FPV Drones – Built, raced, and crashed multiple First-Person View Racing Drones.

Embedded Systems – Programmed and built raspberry pi cars and other small technical breadboard projects involving low level programming.

EDUCATION • EXP. GRAD. 12/2020

University of Iowa • Computer Science BSc

University of Iowa • Mathematics Minor

- ACM Student Chapter Vice President (2020-2021)
- ACM Student Chapter Secretary & Treasurer (2019-2020)
- Associated Residence Hall Petersen Senator (2017-2018)

ACHIEVEMENTS & AWARDS

- Google Hash Code 2020 U of Iowa Hub Gold Medalist
- Google Tech Challenge 2020 U of Iowa winner
- Davenport Central Jim Fox award
- National Honor Society Member (2017)