Kennan LeJeune

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Summary

Highly motivated B.S. Computer Science candidate with a strong foundation in object oriented programming and full stack application development. Comfortable with macOS, Linux, and other UNIX environments. Excellent written and verbal communication skills.

Education

B.S. Computer Science - 3.71/4.00 GPA — August 2017 - May 2021
Case Western Reserve University (CWRU) - Cleveland, OH

High School Diploma (Honors & Distinction) - 3.84/4.00 GPA — September 2013 - June 2017
Centennial High School - Circle Pines, MN

Relevant Skills

- Proficient in Core Java, unit testing with JUnit and TestNG
- Working knowledge of Kotlin, Python, Bash, Typescript, Javascript, Angular, HTML, CSS, SQL, Git
- Software Proficiency with IntelliJ IDEA, Eclipse, DataGrip, Microsoft Office

Experience

Research Assistant - Communities of Learning Machines — August 2019 - Present
CWRU Department of Computer and Data Sciences - Cleveland, OH

- Investigated learning behavior of classifiers in a network structure enabling communication
- Designed experiments to measure classifier mastery with varied community environments
- Performed a theoretical analysis to provide proven bounds for empirical results

Software Engineering Intern — May 2019 - Present
The Johns Hopkins University Applied Physics Lab - Laurel, MD

- Worked in an Agile/Kanban environment to develop an offline Android application written in Java and Kotlin, delivering WMD data analytics from a SQLite knowledge base.
- Delivered highly modular Angular components for an internal UI library to be utilized across numerous laboratory projects
- Contributed a web application utilizing a spring boot backend, Angular 7 frontend, and Selenium web scrapers to collect social media data and deliver Elasticsearch analytics

Software Development Intern — September 2018 - May 2019
Agriplex Genomics - Cleveland, OH

- Developed a job scheduling application from scratch in Angular 6 and designed an algorithm to optimize job scheduling to increase data throughput
- Designed a Postgres database model to store jobs and their associated data, and built a corresponding RESTful API to allow application interaction
- Created an Amazon AWS management server to create and destroy server instances to efficiently allocate funds and expedite job processing

Projects

How Drink Am I?
A Healthcare Oriented Project for HackCWRU 2018 - https://github.com/kclejeune/HowDrinkAmI

- Web app in HTML, CSS, and Javascript
- Aims to reduce substance abuse among university students

RegistrationBot
Course Registration Automation Script - private repository due to CWRU acceptable use policy

- A selenium python script to automatically schedule CWRU course registration
- Effectively guarantees course placement without placing excessive strain on servers