Isaac Na

isaac219@gmail.com | https://github.com/isaacna

Education

Washington University in St. Louis   St. Louis, MO
Bachelors of Science in Computer Science   May 2019

Coursework

Data Structures & Algorithms, Parallel & Concurrent Programming, Object-Oriented Development, Systems Software, Databases, Mobile App Development, Machine Learning, Artificial Intelligence, Analysis of Algorithms, Theory of Parallel Systems

Skills

Proficient: Java, Python
Familiar with: Kotlin, C++, C, JavaScript, SQL, PHP, MATLAB, HTML, CSS
Technologies/Frameworks: MySQL, Flask, Git, Linux, Eclipse, Visual Studio, macOS, Windows, Microsoft Excel
Foreign Language: Limited Working Proficiency in Spanish, Elementary Proficiency in Korean

Relevant Experience

Amazon   Seattle, WA
Software Development Engineer   July 2019 – Present
Software Development Engineer Intern   May 2018 – August 2018
- Worked on the Selling Partner Systems and Experience team to improve Amazon Vendor Central's poll question system that UX researchers utilize to gather feedback data from vendors
- Deployed the project successfully to production for countries in North America, Europe, and Asia

AT&T   Atlanta, GA
Software Development Intern   June 2017 – August 2017
- Replaced and automated a manually-run metric logging system with a Java project that pulls data using Elasticsearch to format a report in Outlook mail, reducing the time spent from 30 minutes to 20 seconds
- Developed a Chatbot for Q Enterprise Messenger that utilized machine learning and natural language processing

Washington University School of Engineering and Applied Science   St. Louis, MO
Database Management Systems Tutor   February 2019 – May 2019
- Tutor students by teaching conceptual fundamentals and providing assistance on labs for a graduate level database course

Data Structures and Algorithms Teaching Assistant   January 2017 – May 2019
- Lead group discussions during in-class assignments and grade exams for Data Structures and Algorithms Course

Introductory Computer Science Teaching Assistant   August 2016 – May 2018
- Assisted professors in lab sections of 40 students, held office hours, and evaluated syntax and modularity to grade projects

Washington University School of Medicine   St. Louis, MO
Research Assistant   January 2016 – May 2017
- Researched the long-term effects of isometric versus eccentric contractions on intramuscular fat within mice
- Compiled and analyzed muscle force measurements over testing cycles with MATLAB and Excel to search for patterns

Independent Projects

- **Stress Less (ArchHacks 2017):** Chrome Extension that helps manage anxiety and gather statistics on the user's mental health, by utilizing JavaScript and the Chrome Storage API to hold data about extension usage
- **Venn:** Android app utilizing MySQL, PHP, EC2 for generalized Tinder-style matching within user-created communities
- **TwitchTab:** Chrome Extension that replaces the new tab with customizable interface displaying Twitch streams and clips
- **TempX:** npm-published Node.js command line utility that manages reusable templates for file extension types
- **DailyFeed:** Python Reddit bot that condenses top daily posts from subreddits into a formatted PM in parallel with threading
- **SbotiPy:** Python Reddit bot that fetches music submissions from r/Music and r/ListenToThis and generates a Spotify playlist

Extracurricular Activities

Washington University in St. Louis   St. Louis, MO
Climbing Team Co-President   August 2017 – May 2019
- Manage budget appeals to WUSTL Student Union and coordinate logistics for practices and outdoor trips of up to 30 people

Brazilian jiu-jitsu Club Member   January 2019 – May 2019
- Practice with the WUSTL Brazilian jiu-jitsu Club multiple times per week to improve technique and physical conditioning