

EDUCATION

Saint Louis University – St. Louis, MO

B.S. Computer Engineering

Minor: Computer Science

Relevant Courses: Object Oriented Programming, Data Structures, OO Software Design, Software Engineering

May 2021

GPA: 3.33

EXPERIENCE

AV Figures – Eastvale, CA

Project Manager

September 2020 – Present

- Spearheaded corporate restructuring by revamping the operating procedures and duties for all team members and team leads, creating greater individual team effectiveness and inter-departmental cooperation
- Streamlined the custom decal commission (CDC) process, through customer concept, design phase, printing and fulfilling, allowing the design and workshop teams to efficiently complete 5 times more CDCs per quarter

CBRE – Dallas, TX

Software Engineering Intern

June 2020 – August 2020

- Enabled 100's of CBRE professionals the ability to use Market IQ in their native language, by building a full stack admin application using PostgreSQL for the database, Go for the backend, and Angular + Typescript for the frontend
- Application development allowed MIQ administrative users to dynamically create, delete, and change label translations based on their locale, saving the MIQ team 100's of hours per year on label translation maintenance

Edward Jones Investments – St. Louis, MO

Software Engineering Intern

May 2019 – August 2019

- Developed Selenium tests for internal web applications, resulting in quicker bug hunting and squashing
- Integrated Selenium tests into the Jenkins Pipeline to reduce testing cycles between web app build iterations
- Led workshop to educate 8 team members and department leader about Selenium and its benefits

Saint Louis University's School of Nursing – St. Louis, MO

e-Technology Support Specialist

February 2018 – June 2020

- Updated dozens of medications and dosages in the simulated Pyxis MedStation, as well as medications and patients in the electronic health records, that lab staff and nursing students use daily for healthcare education
- Designed, scripted, and voice-acted new simulation scenarios on Laerdal's SimDesigner, for the clinical simulation lab's high-fidelity medical manikins, which familiarize and prepare 100+ nursing students to the lab, per semester

Boeing Satellite Systems – El Segundo, CA

Engineering Intern

June 2016 – August 2016

- Validated 20+ procedures used to train Boeing satellite operators by executing satellite maneuver scenarios, such as XIPS stationkeeping and XIPS transfer orbit, on the Dynamic Satellite Simulator, in conjunction with analyzing spacecraft behavior and astrodynamics calculation reports produced using the Boeing Flight Dynamics System

SKILLS

- Programming: Java, JavaScript, Python, C++, React, React Native, Angular
- Data Analytics: Python & R
- Designing, building, and analyzing digital & analog circuits

PUBLICATIONS

The Development of Artificial General Intelligence and Superintelligent Artificial Intelligence, and Their Possibility of Displacing Human Intelligence

VIA: A Journal of Undergraduate Research at Saint Louis University

April 11, 2018