ISAAC TEH

isaactxw@gmail.com | (424) 382-8088 | linkedin.com/in/isaactxw | github.com/isaacxw

EXPERIENCE

California State University, Northridge - *Los Angeles, CA*   **August 2017 - December 2020**
Web Developer | Central IT   *March 2019 - December 2020*
- Redesigned and developed the university's automated chat bot system that serves over 30,000+ users using React, Typescript, and Google's Dialogflow. [https://csun.edu/askmatty/]
- Constructed back-end infrastructure for proprietary CMS platforms by developing business logic and designing REST API endpoints for performing CRUD operations while enforcing strict auth with JSON Web Tokens.
- Engineered a React and Typescript-based interactive web application allowing departmental admins to manage intents, groups, roles, and user privileges.
- Enforced UI standardization across all campus-built applications by developing reusable components for a fully-accessible React component library.
- Achieved >95% code coverage for all unit and integration-based testing suites with pytest to validate the efficacy of all back-end code.

Database Administrator | Central IT   *March 2018 - March 2019*
- Developed Selenium testing scripts as CRON jobs that automates web interactions throughout the various university online platforms to streamline department workflow processes and increase efficiency by 6% daily.
- Diagnosed and troubleshot metrics of the university's servers and databases with Oracle Enterprise Manager to maintain 100% server uptime during high-traffic periods.
- Managed configurations of multiple Linux and Windows servers with Bash scripts to ensure servers conform to the latest standards.
- Queried SQL database to conduct searches and data extraction on LDAP IDs for data validation.

Information System Lab Assistant   *January 2018 - March 2018*
- Maintained quality control of computer labs to guarantee client satisfaction, including troubleshooting, and diagnosing hardware and software faults.
- Displayed exemplary customer support by assisting users with technical issues, such as network errors, unresponsive applications and printing difficulties.

Computer Science Instructional Assistant   *August 2017 - January 2018*
- Tutored students in high failure rate classes by facilitating academic workshops throughout the semester.

Affin Hwang Capital - *Kuala Lumpur, MY*   **June 2017 - August 2017**
Software Developer Intern
- Developed a personalized, dynamic banner on a proprietary client web portal using AngularJS that displays information specific to each client based on a set of predefined criteria.
- Constructed MySQL queries in ASP.NET on client's data to facilitate the development of the banner component.
- Tested the company's websites across different browsers to ensure cross-browser compatibility and mobile responsiveness.

EDUCATION

California State University, Northridge - *Los Angeles, CA*   **August 2016 - December 2020**
Bachelor of Science (B.Sc.) in Computer Science
Dean's List: 2017, 2018

PROJECTS

Spotified   **August 2020 - October 2020**
- Engineered a web app for visualizing individual Spotify listening habits using Spotify's API. Built with React, Node.js, Express and deployed with Heroku. [spotified.herokuapp.com/]

Instant Insanity Solver   **April 2020 - May 2020**
- Developed a CLI application that algorithmically attempts to solve an Instant Insanity puzzle of a 3-sided prism.

TECHNICAL SKILLS

Proficient: Python, Javascript ES6+, Typescript, HTML, (S)CSS, SQL
Prior Experience: Golang, Java, PHP, Bash
Libraries & Frameworks: React, Redux, Node.js, Express, Next.js, Flask, Bootstrap, Material UI, Jekyll, Stakx
Tools & Technologies: Git, REST, GraphQL, Docker, SQLAlchemy ORM, Selenium, JWT, AWS (S3, EC2, Lambda)