Lester Huang

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WORK EXPERIENCE

Incoming Quality Assurance Analyst Intern
Millennium Management, Miami, FL | June 2022 – August 2022
- Will work with other members of the QA team to develop new solutions to speed up testing cycles, increase code coverage and detect defects earlier in the development cycle
- Expected Tech Stack: Java, Maven, SQL, CI/CD, Automation Testing

Junior Systems Administrator
Lehigh University, Bethlehem, PA | January 2022 – Present
- Administer the university's VM machines, ensure uptime, integrate new features, and handle upgrades
- Work on side projects related to new and interesting technologies

Computer Science Teaching Assistant
Lehigh University, Bethlehem, PA | September – December 2021
- Mentored students in a C-oriented systems level course (CSE 109)
- Graded assignments and projects throughout the semester for a class of over 100 students

HoloMicroscopy Researcher
Lehigh University, Bethlehem, PA | September - November 2021
- Contributed towards Lehigh University's Presidential Nano/Human Interface (NHI) Initiative, with the goal of creating high-impact learning experiences leveraging LU's resources and partnership with Case Western University, revolutionizing how research is done
- Tech Stack: C++, Unity, Microsoft's HoloLens 2, Microsoft's Mixed Reality Toolkit

Software Engineering Intern
Optum, Remote | June – August 2021
- Led the full development cycle of a feature-complete chatbot aiming to reduce the time of Optum's cloud security endorsement process from 30+ days to 1 hour
- Published a checklist onto a user-facing wiki, solving users' number one issue: a lack of knowledge on required prerequisites to start the endorsement process
- Tech Stack: Microsoft Bot Framework, Azure, LUIS NLP, Python, GraphQL and REST APIs, Node.js

PROJECTS

Job App Tracker
GitHub | January 2022 – Present
- Work in Progress project that would allow prospective job seekers to easily track their job applications through a simple to use online UI, built with Vue.js

Merck Senior Capstone
January 2022 – Present
- Year long (2 semesters) capstone project aiming to migrate Merck's environmental packaging impact calculator from an existing Excel spreadsheet to an easy-to-use online web app hosted on AWS with a Vue.js frontend and Node backend

Personal Website
GitHub | January 2022
- Personal website to gain an online presence and share both professional and nonprofessional goals that isn't particularly fit for a resume or LinkedIn, built with Vue.js

EDUCATION

Lehigh University, P.C. Rossin College of Engineering & Applied Sciences
Bethlehem, PA | Expected Graduation Date: December 2022
Bachelor of Science in Computer Science, Minor in Data Science, GPA: 3.64

Relevant Coursework: SDLC (Fullstack Project), Intro to ML, Blockchain Algorithms, Software Languages, Algorithm Design & Analysis, Computer Architecture, Data Structures, Probability and Statistics, Linear Methods and Calculus | *In Progress: Data Mining, AI Theory, Database Design, Statistics in Computing*

Activities: INNOV8 (2021-22: IREC/SA Cup Payload Challenge), Society of Asian Scientists and Engineers (SASE), Lehigh Men's Ultimate Frisbee Team, New Ventures Club, Asian Cultural Society (ACS), Southeast Asia at Lehigh (SEAL), Rec. Tennis & Badminton

SKILLS

Python (NumPy, Pandas), JavaScript (Vue.js), Java, C, Git, APIs, Unix, Azure, Docker (Compose), Cantonese & Mandarin