

# Lester Huang

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## WORK EXPERIENCE

### Software Quality Assurance Analyst

Millennium Management, Miami, FL | June 2022 – August 2022

- Independently developed a tool to test production API queries in a QA environment that can easily be configured for various teams and their unique requirements
- Onboarded 4 teams, whose applications correspond to ~20% of the firm's infrastructure, to the tool
- Communicated with teams in Millennium's New York and Singapore office to collect requirements and feedback

### Junior Systems Administrator

Lehigh University, Bethlehem, PA | January 2022 – Present

- Develop a website to automate the process of lab monitor scheduling, which will save 6+ hours per week in manual work from the school's system manager
- Research new and interesting technologies that can be incorporated into the university's system of computers

### 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

### 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 the company wiki, solving users' number one issue: a lack of knowledge on required prerequisites to start the endorsement process

## PROJECTS

### 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

### Personal Website

[GitHub](#) | January 2022

- Personal website to gain an online presence and share both professional and nonprofessional goals that may not particularly fit in a resume or on 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 Mining, AI Theory, Database Design

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, AWS, Docker (Compose), Cantonese & Mandarin