

# Lester Huang

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## EDUCATION

**Lehigh University** August 2019 – December 2022

**Bachelor of Science in Computer Science | Data Science Minor** GPA: 3.66

- **Relevant Coursework:** Advanced Algorithms, Data Structures, Computer Architecture, Database Design, Data Mining, Blockchain Systems, Programming Languages, Software Engineering
- **Activities:** Lehigh Men's Ultimate Frisbee Team, New Ventures Club, Upsilon Pi Epsilon Honor Society, Asian Cultural Society (ACS), Southeast Asia at Lehigh (SEAL), Recreational Tennis & Badminton

## WORK EXPERIENCE

**Software Quality Assurance Analyst | Millennium Management** June 2022 – August 2022

- Developed a modular tool for API regression testing, capable of being configured by various teams to supplement their unique workloads
- Defined the standards of the modular framework utilized by the aforementioned tool
- Onboarded 4 teams to the tool, whose applications comprise of ~20% of the firm's infrastructure
- Coordinated with teams in the New York and Singapore office to collect requirements, while being located in their Miami office

**Software Engineering Intern | Optum** June 2021 – August 2021

- Led a group of 4 interns through the entire development cycle of a chatbot, aiming to automate and reduce the company's cloud onboarding process from 30+ days to 1 hour
- Completed market research on the growing chatbot industry
- Restructured documentation of the cloud onboarding process to provide better clarity

## SKILLS

- **Proficient:** JavaScript, Python, Java, Express, NodeJS, SQL, Git
- **Comfortable:** TypeScript, React, Vue, Svelte, Flask, NumPy, Pandas, C++, C, Unix, GraphQL
- **Familiar:** AWS, Azure, Google Cloud Platform, R, Rust, Solidity, Docker, Spring Framework

## RELEVANT EXPERIENCE

**Senior Capstone | Merck** January 2022 – December 2022

- Architected a scalable web application from the ground up to modernize their environmental impact calculator from an Excel sheet
- Developed a user-friendly UI to serve as the frontend of the web application

**Junior Systems Administrator | Lehigh University** January 2022 – December 2022

- Researched new and interesting technologies that could have potential to be incorporated into the university's IT infrastructure
- Designed a web application to automate the scheduling process of work study positions, capable of eliminating 6+ hours per week

**Personal Website** January 2022

- Developed a personal website to establish an online presence and share professional and non-professional goals and experiences

**Computer Science Teaching Assistant | Lehigh University** September 2021 – December 2021

- Mentored students in a systems software class oriented in the C programming language
- Graded assignments and projects throughout the semester for a class of over 100 students