Johnny T. Le

Resume

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Education

August 2020–May 2024

Bachelor of Computer Science: George Mason University, Fairfax, Virginia. Cumulative GPA: 3.68

Personal Skills

Extensive experience in teamwork and collaboration, both in professional and volunteer settings. Developed strong strategic thinking and time management abilities, enabling efficient project execution.

Proven ability to coordinate and manage group tasks, including scheduling meetings, delegating responsibilities, and facilitating open discussions for continuous improvement and idea generation.

As for skills related to my major, I am able to code with a variety of languages including Java, Python, C, and many more (listed below), which enhances my ability to tackle complex programming challenges. I can also be able to conduct data from various sources and to make summaries regarding various topics. In addition, I am able to determine the ethics of computer programming based on law and copyright.

Technical Skills

Coding Languages

Java, Python, C, HTML, JavaScript, Assembly (MIPS), MATLAB, R, and Oracle/SQL.

This also includes programs like various Microsoft software (Word, PowerPoint, and Excel), as well as certain code editors like Unix, Visual Studio Code, JGrasp, and Git.

Relevant Coursework

All of the classes that I have taken (that are relevant to my strengths) are Essentials of Computer Science, Introduction to Computer Programming, Object-Oriented Programming, Introduction to Low-Level Programming, Data Structures, Formal Methods and Models, Computer Systems and Programming, Software Engineering, Analysis of Algorithms, Database Concepts, Data Communication, Synthesis of Ethics and Law, Operation Systems, Computer Architecture, Computer Vision, Statistics, Linear Algebra, Calculus 1-3, and Discrete Mathematics.

All classes had assignments and projects related to the material taught in the classes.

Projects and Relevant Work

HTML Website

Using GMU's database, I created a HTML website about Gordon Moore (the founder of Intel Corporation). http://mason.gmu.edu/~jle37/

Image Editing Bot	This project was worked with a team. We created a Discord bot that can edit any image using custom commands. Some of those commands included generating images from a website, cropping images, putting a filter, and changing the size. All properties were done by Javascript, and have used free or free to start APIs for the bot to work. This project was done in a span of 1 month.
Android Database Interface	This project was also worked with a team. We used Oracle and MySQL to create this basis of the interface using Android Studio. The interface had many interactivity including ways to "log-in", transfer points to another user, as well as to keep track of certain "accounts".
Formal Report	I wrote a report regarding how students use technology in finance using real data from a small section of students that I surveyed. I used the data that I was given to write a full report on the topic that had background details, showings of graphs and charts, as well as a formal discussion on what to make of the details that I have listed.
Weather Bot	With inspiration from my previous Discord bot, I have decided to create another Discord bot related to the weather. This was a solo project of mine that I have made after graduation. The bot responds to the user regarding the weather of a certain city, the 3-day forecast, the air quality, translating Celsius and Fahrenheit from each other, and to give out recommendations on what clothes to wear. It also gives out 24 hour updates regarding the weather at a certain time period. Just like the previous bot, this was built around a free to start API.

Work Experience

Undergraduate Teaching Assistant (Jan 2022-June 2022)

This was a part time job from GMU regarding helping professors with answering questions from over 200 students in the university forum Piazza, as well as to monitor exams in person. I worked on Mondays and Fridays for around 12 hours a week. The class in regards to this was Data Structures, and I was accepted this offer because of my experiences with the class previously and I was open to share my knowledge to other students who took the class at that time.

This demonstrated my ability to communicate with my peers and the students effectively, and to have a stable work flow by dividing tasks of other students and professors. I also showed my ability to prioritize tasks based on urgency and to deal with multiple tasks concurrently.

Honors & Achievements

Dean List for GMU at Fall 2020, Spring 2021, Fall 2022, Spring 2023, Fall 2023, and Spring 2024.

- This is a scholarly award of academic excellence (over 3.5 GPA for the specific semester). I received this award for 6 semesters.

Nominated as a member of the National Society of Leadership and Success.

Extra-curricular activities

2019-2020	Former member of Key Club at Woodson High School.
	- This is a club from high school in regards to community service.
August 2021-present	Member of the National Society of Leadership and Success