Joshua Qian

Joshua.qian2@emory.edu • 614-439-2383 • LinkedIn

EDUCATION

Emory University
Atlanta, GA
Bachelor of Applied Science, Computer Science and Mathematics with BBA Minor
May 2025
Cumulative GPA: 3.6/4.0
Relevant Courses: Intro to Computer Science, Foundations of Computer Science, Data Structures and Algorithms, Computer Concepts and Applications, Calculus II, Calculus III, Linear Algebra, Computer Architecture/Machine Programming, Linear Optimization, Microeconomics, AI, Database Systems

Technical Skills

- Programming Languages: Java, Python, SQL, HTML, JavaScript, C, Assembly
- Other: AWS, Object Oriented Programming, PostgresSQL, GitHub, Solver, Atom, IntelliJ, VSCode

Projects

- iTunes Playlist (Java): Utilized object-oriented programming to create a playlist with episode objects and implement necessary functions.
- Pacman (Python): Implemented AI search algorithms in Pacman game to find most desirable paths
- ArtistDB (SQL): Designed a relational database to connect artists, songs, albums, record labels, collaborators, etc.
- ArtistBrowser (Java): Created implementation for JDBC and designed queries to search through ArtistDB
- Hospital Diagram: Design a relational database schema for a hospital given a description then translating it to an E/R diagram

WORK EXPERIENCE

TCL Electronics
Shenzhen, China
AI/Machine Learning Intern
June 2023 – Present

- Build a web scraper to retrieve data from online product reviews
- Preprocess textual data so it can be understood by neural networks
- Build a LSTM model to perform a sentiment analysis and identify most prominent features
- Utilize open source frameworks and libraries such as Keras and sklearn

LEADERSHIP & COMMUNITY INVOLVEMENT

Emory Men's Varsity Golf
Atlanta, GA
Second-year player
Aug. 2021 – Present

- Contributed significantly as a freshman, making the PING All-Region Team
- Dedicate 30+ hours per week toward practice, workouts, and nation-wide tournaments

ADDITIONAL INFORMATION

Honors & Awards: Columbus Dispatch Top Male Scholar-Athlete, AJGA Scholastic All-American, Academic Varsity, PING All-Region Team
Interests: CodeEmory, Chess, Table Tennis Club, Ohio State Athletics, Country Music, Travel