

Ahmad Shaqqou

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SKILLS

- C, Java, Python, C# (.NET), Node.js/Typescript, React, Git, SQL, PHP (Laravel), MongoDB, Docker
- Operating Systems, Microservices, Backend, AWS, iOS/Android App Development, Agile, Flask

CERTIFICATIONS

- ISC2 CC
- CompTIA Security+ (In progress)

EDUCATION

University of Central Florida || Orlando, FL

[06/2022 – 12/2025]

B.S. Computer Science, GPA: 3.75

Relevant Coursework: Data Structures and Algorithms, Discrete Structures, Operating Systems, Object-Oriented Programming and Design, Intro to Machine Learning, Cybersecurity, Software Engineering

PROJECTS

Audio-Sync: *Python, Node.js, React, Flask*

- Developed a music recognition app that identifies songs from audio input, retrieving details like song titles, artist names, and album name, enhancing the user's music discovery experience.
- Integrated the Shazam API for real-time song recognition and the Spotify API to allow users to seamlessly add recognized tracks to their customized playlists.
- Designed and implemented an intuitive user interface, ensuring a smooth user experience while showcasing advanced UI/UX design skills.

College Connect: *JavaScript, SQL, React*

- Developed a social media platform for college students, leveraging JavaScript, React, and SQL to create a seamless user experience.
- Designed and implemented an SQL database and API endpoints that are capable of handling requests at scale.
- Utilized React to create a dynamic user interface with support for both mobile and desktop devices.

Forex Trading Bot: *Python, Jupyter Notebook, Alpaca API*

- Implemented a trading bot using a trading strategy that analyzes market indicators in order to make buying and selling decisions in the foreign exchange market.
- Optimized and fine-tuned the bot's performance through back-testing using Alpaca API, resulting in consistent profits and higher returns.

WORK EXPERIENCE

Coach Kelly LIVE: *Computer Science and Mathematics Tutor*

[07/2023 – Present]

- Tutored over **20+** students, leading to a **90%** pass rate on the UCF Computer Science Foundation Exam through personalized and targeted support.
- Elevated grades for over **20+** computer science students by an average of one full letter grade, demonstrating significant academic progress.
- Provided individualized and small group tutoring, enhancing comprehension and performance on class assignments and personal projects for more than 20+ students.