

JOHN CONNERTON

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EDUCATION

University of Central Florida
BS Computer Science *GPA: 3.6*

Orlando, FL
August 2018 - May 2021

EXPERIENCE

Amazon Web Services

Software Development Engineer Intern – AWS AppSync

Seattle, WA
May 2020 - July 2020

- Designed and implemented Direct Lambdas, a feature that impacts 100% of all AWS AppSync customer APIs.
- Shortened customer onboarding time by at least 40% by simplifying GraphQL request handling for customer APIs.
- Created comprehensive documentation encompassing multiple services, features, and work-flow tips.
- Reduced memory overhead by optimizing GraphQL query handling for customer APIs.
- Reworked AppSync's web console to streamline user experience for new features.
- Led and organized intern events.

University of Central Florida

Computer Science Teaching Assistant

Orlando, FL
August 2019 - Present

- Led office hours for class sizes of 600 students per semester.
- Mentored and tutored students in UCF's computer science program.
- Courses covered: Java programming; Data Structures; Algorithms; C Programming.

SKILLS

Misc: Go, JavaScript, Java, Kotlin, Python, Scala, C, Solidity
Technologies: React, Git, Node.js, MongoDB, Ethereum

PROJECTS

Streets *Go, JavaScript, React, Flutter, MongoDB, DigitalOcean, Docker*

A B2B and B2C platform allowing food trucks to instantly broadcast their location to nearby hungry customers, and allows businesses and food trucks to connect and schedule events in just a few clicks. Code reviews were used to develop less experienced team members abilities. Project management followed Agile/LEAN methodology. Supported team by setting up tutorials and technical documentation. Led architectural design and development on the back-end.

Tik-Tak *JavaScript, MongoDB, Express, React, React Native, Node.js, Go* tiktakapp.herokuapp.com

Tik-Tak is a geo-location social media application that allows you to broadcast posts and images to everybody within an 19 mile radius from your location.

Technical Article Author

dev.to/conjohnnerton

Tutorials and articles written on anything of interest or any spicy topics that might be able to help others.

Lock-Free Dictionary *Java*

Lock-Free Dictionary is a research publication that set out the implement a theoretical Dictionary constructed by Dechev et al. The dictionary used low-level atomic operations in order to avoid high contention in massively concurrent applications.