Daniel Ocheltree

danielocheltree.com
daniel.ocheltree@gmail.com

WORK

Senior Associate Software Engineer
@ Capital One
[2019 - Present]
Full-stack developer working on Mission Control, a feature toggle platform used by all microservices on Capital One's main website. Write backend logic and API calls in Java Spring, create reusable frontend components in Angular, and facilitate deployments using Jenkins pipelines. Additionally worked on *Spring*, a deals platform for small businesses. Wrote APIs in Java, developed front-end features in Angular, and made design changes in SASS. Assisted in production deployments to AWS

Undergraduate Researcher
@ Virginia Tech
[2019]
Worked with *Crowd Intelligence Lab* at Virginia Tech on the NSF-funded GroundTruth project. Redesigned a UI to allow for a public release of the system. Implemented user photo uploads to AWS S3 buckets.

Software Engineering Intern
@ Capital One
[2018]
Created an internal tool with Angular 5 for testing the EASE web and EASE mobile messaging system. Deployed project on AWS EC2 instance and stored files in AWS S3.

Software Development Intern
@ Progeny Systems
[2016 - 2018]
Worked on customer facing full-stack projects including a UI for facial recognition surveillance software with AngularJS, a landmark reporting system for NGIA with PHP, and a web app for calculating the rotation of faces with Python.

WORKING KNOWLEDGE

Angular, JavaScript, CSS, Go, Python, Java, C, Kotlin, AWS, SQL, CMS, GitHub, Figma

EDUCATION

Virginia Tech [2019]
B.S. in Computer Science

EXTRACURRICULARS

Pig Brig Webmaster [2021]
Manage and advise web changes for a Shopify storefront for *pig traps*.

Certified Scrum Master [2020]
Obtained the CSM certification from Scrum Alliance to better understand Agile workflows.

Capital One Coders [2019 - 2021]
Mentored and taught middle school students the basics of coding with MIT App Inventor.

Capital One CSSE Gosu [2019]
Peer-to-peer teacher for Certified Secure Software Engineer certifications.

IEEE Webmaster [2018 - 2019]
Created a new website for the Virginia Tech IEEE Chapter. Planned and helped manage IEEE events. Designed graphics for different events. Hosted a GitHub intro class and a Matlab hackathon.

Teaching Assistant [2018 - 2019]
Held office hours, helped students with coursework, and graded assignments.

CS Mentor Club [2017 - 2019]
Helped mentees develop knowledge outside of classes including an intro to Python, Web Development, and GitHub.

Carbon Hackathon [2018]
Created tl;dr, an Alexa skill that summarizes news stories for people on the go.