

Isaac McQueen

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Education



Clemson University

BACHELORS OF SCIENCE IN COMPUTER SCIENCE

Clemson, SC

2015 - 2019

- Major Focus: Distributed and Cloud Computing
- Courses: Software Engineering | Functional Programming | Data Structures and Algorithms | Database Systems | Operating Systems | Networking | Computer Architecture

Professional Experience



True Homes

PLATFORM ENGINEER

Charlotte, NC

2023 - Present

- Designed a strangler-fig migration pattern to upgrade a large web forms project to modern Blazor
- Facilitated a migration from TFS to Git, including the creation of a Git tool to manage multiple repositories across the company
- Introduced a new document builder tool, eliminating the need for manual document creation
- Reduced the page load time for a high-traffic tool by 86%, saving relevant employees 50+ hours per year
- Optimized the pdf build and aggregation process, reducing generation times by 58%

.NET Core/Framework Blazor MS SQL Azure DevOps CI/CD



Driven Deliveries

SOFTWARE ENGINEER/ SENIOR SOFTWARE ENGINEER

Los Angeles, CA

2021 - 2023

- Implemented a driver tracking system monitoring 100+ drivers daily in Southern, Central, and Northern California
- Created a cloud based media library to share multimedia content across the company
- Led development for a dynamic routing system that leverages vehicle routing algorithms with safe and transactional overrides

Typescript NodeJS React React Native MongoDB Github Actions AWS Elastic Beanstalk CI/CD



Fidelity Investments

JUNIOR SOFTWARE ENGINEER

Raleigh, NC

2020 - 2021

- LEAP program graduate: a 6-month full-stack development program for high-potential CS graduates
- Maintained and developed sensitive customer investment APIs for high value executives

.NET Core/Framework Java Angular Oracle SQL Azure DevOps CI/CD

Projects & Associations



Brother 2 Brother

CO-FOUNDER

- Clemson University's chapter of the Student African-American Brotherhood (SAAB)
- SAAB is an inclusive organization dedicated to ensuring men of color have the support needed to excel academically, socially, and professionally
- Board member responsible for planning and executing events, managing finances, and organizing campus outreach



Debug and Deploy Tool

CREATOR

- Tool that allows you to build, deploy, and debug applications for the PS Vita via FTP with one command
- Enables basic commands to be sent wirelessly via Unix/Windows CLI, VSCode, or MacBook Touch Bar (ex. screen on, restart, copy files)

Typescript Lua Sqlite

Skills

Languages Typescript/Javascript 📄 | C# 📄 | SQL 📄 | Python 🐍 | HTML/CSS (Tailwind, SASS) 📄

Tech Stack React/React Native 📄 | NodeJS 📄 | .NET (Core/Blazor) 📄 | MongoDB 📄 | Redis 📄

Tooling & CI/CD Docker 📄 | Nix 📄 | Github Actions 📄 | AWS Elastic Beanstalk 📄 | Azure DevOps Pipelines 📄

Personal Interests Trying new languages and tools </> | Tennis 🎾 | Live Music 🎵 | Arsenal FC ⚽ | Going new places 🗺️