Tristan Griffin

WORK EXPERIENCE

Senior Software Engineer I **July 2022 - June 2024**
HCLSoftware Cary, North Carolina

- Improved keyboard navigation of HCL Nomad for web browsers following WCAG 2.0 standards allowing users to navigate the web application using only the keyboard – *C++, Emscripten*
- Coded and maintained functionality of various React web components and controls by sending and receiving backend data using Emscripten – *C++, Emscripten, JavaScript, JSON*
- Decreased application start-up time by 30% based on customer feedback – *C++*
- Monitored ServiceNow customer support queue to triage new issues, gather details, provide developer insight, and provide hotfixes to customers.

Software Engineer II **July 2020 - July 2022**
HCLSoftware Cary, North Carolina

- Implemented localization support for HCL Nomad to be used seamlessly in 10+ languages – *C++, Emscripten, JavaScript*
- Contributed localization fix related to standard timezone to the Emscripten open-source project – *JavaScript*
- Developed and implemented pressing product features to meet minimal-viable-product specifications for 1.0 launch of HCL Nomad for web browsers – *C/C++*

Software Engineer I **Dec 2019 - July 2020**
HCLSoftware Cary, North Carolina

- Wrote documentation and provided knowledge transfer sessions with developers related to areas of expertise when transitioning off of the Android team.
- Collaborated with the UI/UX team to gather requirements on application feature redesign. Translated requirements into technical specifications and coded the redesigned application feature – *Java, Kotlin, XML*
- Architected and coded a mock test server dispatcher to mock server responses while running Android test suites. Reducing the time to run test by 25% and increase the stability of testing suites – *Java, Kotlin, JSON*
- Employed agile methodologies and led multiple sprint planning, scrum, and demo meetings on a team of 10 developers – *Jira*

PROJECTS

- Personal website (https://github.com/tgriff34/TristanWebsite) - Written using *ASP.NET Core, C#, HTML, CSS, REST APIs.* Hosted using Microsoft Azure using Linux docker container and Key Vault for secrets.

TECHNOLOGIES AND LANGUAGES

- Languages: C/C++, Java, Kotlin, XML, C#, JavaScript, HTML, CSS, SQL
- Technologies: VS Code, Git, Github, Jira, Android Studio, Visual Studio 2022, Azure
- Other: Windows Application API (Win32), Emscripten, ASP.NET Core, RESTful APIs

EDUCATION

The University of North Carolina at Charlotte **Aug 2014 - Dec 2018**
BSc, Computer Science Charlotte, North Carolina