

Scott Quach

scottqglobal@gmail.com | 206-375-7522 | scottquach.com
linkedin.com/in/scott-quach | github.com/scottquach

EXPERIENCE

Associate Software Engineer | T-Mobile | Bellevue, WA | April 2020 – Present

Lead developer of a multi-tenant internal application that serves as a one solution fits all for data governance, ETL management, and real-time collaboration.

- Increased max data capacity from 5MB to 75MB by implementing global dataset caching and a data synchronization logic.
- Implemented an observer pattern-based architecture allowing for the ability to subscribe to in application data flows enabling plug and play modular code blocks.
- Led the application through 215% growth in user usage monthly since launch by providing a modernized user interface and continuous feature updates.
- Developed the application with full-stack implementations of PostgreSQL, Angular, and Docker deployment.
- Spearheaded the team's first real-time collaboration application with Socket.IO.

Device Connectivity Intern | Novo Nordisk | Seattle, WA | Jun 2018 – August 2018

- Developed medical IoT software using AWS IoT Core, AWS Lambda, and DynamoDB.
- Piloted a feasibility study of Sigfox and Senet LPWAN networks for urban IoT connectivity.
- Added data visualization of IoT records by developing a Vue.js website.

Mobile Developer Intern | Accolade | Seattle, WA | June 2017 – August 2017

- Increased code reuse by implementing a modular architecture for an Android Wear app that allowed shared code with an Android mobile codebase.
- Optimized user flow by creating an entry point for accepting documents from 3rd party sources that maintained app security and HIPAA compliance.
- Drove a mobile-first perspective as part of a team to devise a B2C company model.

EDUCATION

University of Washington Bothell | Bothell, WA | 2016 – 2020

Bachelor of Science in Computer Science and Software Engineering – 3.7 GPA

- **Coursework** in C++, Java, cybersecurity, Assembly, and SDLC processes.
- Direct admission as an incoming freshman into the CS department.
- Recognition of academic excellence in 2016-2017, 2018-2019 annual Dean's list.

PROJECTS

Published Android Developer | 2015 - Present

- Personally developed Android applications with over 3,000 combined downloads.
- Implemented Model View Presenter and Model View ViewModel architecture.
- Incorporated Google Cloud Platform and Amazon Web Services.
- Utilized Firebase platform tools such as Crashlytics, Cloud Functions, and Firestore.

ADDITIONAL SKILLS

- Professional experience in **Angular 2+**, **JavaScript**, **TypeScript**, **PostgreSQL**, **Android**, and **Node.js**.
- Additional experience in **Vue.js**, and **Kotlin**.
- Use of **Python** for scripting within **Linux**.
- Experience with **Git**, **Agile**, and **Jira** in team environments.