Josh Chua

joshjchua@protonmail.com • joshchua.com • github.com/joshchua

Work Experience

Software Developer Team Lead   October 2021 — Present
Epic, Verona, WI

- Supervised a team of software developers and continued software design and computer programming responsibilities.

- Oversaw Epic's Alert Communicator functionality, which transmits third-party patient device and nurse call alarms to Epic apps as notifications. I was the point person for vision, development, and issues for this area.

- Influenced key projects and unified cross-team efforts in the clinical communications experience space.

Software Developer   June 2020 — Present
Epic, Verona, WI

- Designed and developed enhancements and fixes for Epic's clinical communications platform, which includes secure text messaging, push notification infrastructure, and role-based communication.

- Implemented full-stack solutions for Epic's clinical desktop web application (C#, TypeScript, and React) and for Epic's clinician-facing mobile apps (Java, Kotlin, Objective-C, and Swift).

- Mentored six developers in their first year of full-stack web and mobile development.

Software Development Intern   November 2019 — May 2020
Initech Global, Grand Rapids, MI

Industrial Internet of Things and Data Lake Intern   May 2019 — November 2019
Steelcase, Grand Rapids, MI

- Prototyped Azure IoT Edge on a Raspberry Pi to demonstrate potential use to collect telemetry data from factory machines.

- Developed a real-time web dashboard to view IIoT data by utilizing React, Redux, GraphQL, Node, Docker, and Azure SDKs.

- Led a web app project for an intern hackathon and helped teammates learn topics new to them, such as Git, .NET Core, Entity Framework Core, React, Bootstrap, Azure SQL Server, CI/CD, and Azure DevOps.

Desktop Support Technician   October 2017 — May 2019
Grand Valley State University, Grand Rapids, MI

Software Development Intern   December 2018 — March 2019
BDO USA, LPP, Grand Rapids, MI

- Implemented a user provisioning screen on an internal .NET MVC web application through integration with Active Directory.

- Debugged and fixed critical issues on an initially unusable .NET and Angular project that was purchased from a third party vendor.

Education

Bachelor of Science in Computer Science   August 2016 — May 2020
Grand Valley State University, Allendale, MI

- Minor in General Business

Skills

- **Programing Languages**: Python, C, C++, Go, C#, Java, Kotlin, Objective-C, Swift, JavaScript, TypeScript

- **Web Development**: React, Angular, .NET MVC, Spring, Node.js

- **Mobile Development**: Android, iOS (UIKit, SwiftUI), React Native

- **Other**: Git, Subversion (SVN), SQL, Microsoft Azure, Amazon Web Services (AWS)