

# ADAM NGUYEN

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## EMPLOYMENT

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**Software Engineer, VivaLNK, Inc.**

**Aug 2018 – Jun 2019**

- Developed and archived 20+ reusable React components to improve workflow and reduce future development work
- Improved UX by implementing React Router on 15+ routes for efficient rendering of desired pages
- Implemented and deployed OAuth2 authentication services in custom software distribution portal
- Architected the state management system within React application using Redux and middlewares
- Used Redux-Promise middleware in application to retrieve data and perform RESTful services on the backend
- Developed full-stack web application for viewing real-time temperature data with the provided REST APIs
- Collaborated with cross-functional teams to fulfill UI design requirements under strict deadlines
- Provided consistent and satisfactory technical support to third-party developers that purchased the license to use the in-house SDK
- Created custom iOS scroll view that caches data when not on display, reducing CPU load by 40%
- Enhanced workflow and reduced merge conflicts by converting iOS UI storyboards to native code

**Junior Software Engineer, VivaLNK, Inc.**

**Jan 2017 – Aug 2018**

- Initiated temperature data collection solution for clinical trials using Spring Boot and a Raspberry Pi
- Designed and developed REST APIs that allow remote monitoring of temperature sensors
- Developed web application for viewing real-time temperature data using Google Charts
- Provided prompt and proficient support to clients in troubleshooting software bugs and technical-related issues

## EDUCATION

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**University of California, Monterey Bay**

**Aug 2015 – Dec 2017**

- B.S. Computer Science
- **Relevant courses:** Database Management, Data Structures, Internet Programming, Computer Architecture, Software Design, Design and Analysis of Algorithms, Software Engineering

## OTHER EXPERIENCES

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### Projects

- **Fever Scout Monitor (Java, JavaScript, React, Redux):** Web application that monitors and displays temperature data from patients for hospital use. Data mapping is updated in real-time using Google Charts and a RESTful web service. UI and application state are managed with React and Redux.
- **Pi-Thermometer (Java, Spring Boot, MySQL, Python):** Continuous temperature monitoring solution that collects advertising BLE packets from nearby Bluetooth temperature sensors and uploads the data through a RESTful service.

### Volunteer

- **Building Skills Partnership (Mountain View, CA):** Taught a course on Computer Literacy in under-served communities

## LANGUAGES, FRAMEWORKS, AND TECHNOLOGIES

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- Java, Spring, JavaScript (ES6 & ES7), HTML, CSS, React, Redux, Babel, Webpack, NPM, NodeJS, Objective-C, Swift, RDBMS, MySQL
  - VSCode, Redux DevTools, Xcode, IntelliJ IDEA, SourceTree, Git, Postman, Junit