ADAM (HUY) NGUYEN

GitHub: **/swiftstrife**   (408) 824 - 8379
LinkedIn: **/in/an10**   adamdnguyen10@gmail.com

EMPLOYMENT

Software Engineer (iOS), VivaLNK, Inc.   **Sept 2017 – Aug 2019**
- Created a custom scroll view that caches data when not on display, reducing CPU load by 40%
- Improved existing features by creating modern, responsive, and intuitive interfaces
- Enhanced workflow and reduced merge conflicts by converting UI storyboards to native code
- Implemented progressive Core Data migration to improve performance of app updates and reduce future development work
- Redesigned commercial app for clinical trials at Stanford and implement new data collection features
- Collaborated with cross-functional teams to fulfill app requirements under strict deadlines
- Provided consistent and satisfactory technical support to third-party developers that purchased the license to use the in-house SDK

Junior Software Engineer, VivaLNK, Inc.   **Jan 2017 – Sept 2017**
- Initiated and implemented a temperature data collection solution for clinical trials using a Raspberry Pi
- Designed and developed REST APIs that allow remote monitoring of temperature sensors
- Developed a web application for viewing real-time temperature data using Google Charts
- Provided prompt and proficient support to clients in troubleshooting software bugs and product-related technical issues

EDUCATION

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

Projects
- **Vital Scout (Objective C, Swift):** Wellness monitoring app for iOS that integrates directly with proprietary Bluetooth devices and displays wellness data onto screen
- **Cardiac Scout (Objective C, Swift):** Heart monitoring app for iOS that displays current heart rate and a live EKG feed onto screen by connecting with and receiving data from proprietary Bluetooth devices
- **Pi-Thermometer (Java, Python):** Continuous temperature monitoring solution that collects advertising BLE packets from nearby Bluetooth temperature sensors and uploads them into a database using Raspberry Pi
- **Fever Scout Monitor (Java, JavaScript, CSS, HTML):** 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

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

LANGUAGES, FRAMEWORKS, AND TECHNOLOGIES

- Java, Spring Framework, Objective-C, C, C++, JavaScript, HTML, CSS, React, Redux
- Xcode, Android Studio, Intellij IDEA, SourceTree, Git, FireBug, Postman, Selenium WebDriver, MySQL, BitBucket, Wireshark