Calvin Nguyen
Full-stack Software Engineering

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EDUCATION

B.S in Software Engineering – San Jose State University   **Dec. 2020**
- Engineering Dean's Scholars (2017-18). Concentration in Web Full-stack development & exploring Tensorflow.

EXPERIENCES

AI Startup   **Full-stack Web Developer**   **Dec. 2018 – Current**
Mountain View, CA
- Responsible for user onboarding & communication between different types of user
- Launched prototype to help startup's idea get approved by American Seed Fund in 1st round
- Constructed code base in Node.js/Express.js, React.js, MongoDB, and Google Cloud

PayPal Inc.   **Mobile Engineering Intern**   **Jun. 2019 – Aug. 2019**
San Jose, CA
- Hands-on native app development using Java and Swift
- Pioneered iOS SDK to read and write Payment's commands from/to mPOS devices
- Explored connectivity APIs (USB, Bluetooth & Wi-fi), mPOS device's data flow & EMV Tag
- Communicated with vendors to test & install correct OS versions into mPOS devices

PayPal Inc.   **Web Engineering Intern**   **Jun. 2018 – Aug. 2018**
San Jose, CA
- Worked closely with Product Manager to plan, design, build, and deploy an event app
- Intensive backend development in Node.js, PostgreSQL that contains 3500+ lines of code
- Designed and developed UI in Apache Cordova, HTML/CSS/JavaScript
- Boosted app performance using Pubnub & Socket.io for real-time update to web dashboard

UC Berkeley   **Lab Assistant**   **Aug. 2016 – May 2017**
Berkeley, CA
- Assisted students in lab sections & office hours in a Data Structure course of 900+ students
- Enhanced analytical and debugging skills while helping students solve their problems

APU School   **Student Ambassador**   **Aug. 2011 – May 2014**
Ho Chi Minh, VN
- Conducted surveys to tailor the agenda to meet expectations and needs of the students
- Cooperated with school staffs to create new events to help students explore their interests

SKILLS

Languages: Java, TypeScript, Python   **Cloud:** Google Cloud, Heroku, AWS S3, DigitalOcean
Web: HTML/CSS/Javascript, Node/Express, Cordova, React.js   **Database:** MongoDB, PostgreSQL, MySQL
Mobile: Swift, iOS/Android SDK, Xcode, Android Studio   **Familiar with:** C/C++, Tensorflow, Apache Spark

PROJECTS

DegreePlus // Sr Project Back-end Lead   **Sep. 2019 – Current**
- Learning TensorFlow to create sets of best possible course combinations for every semester
- Ultilizing Google Cloud APIs (OCR, Translation,...) and AWS to host server/database

Smart Group Financial // Full-stack Developer Lead   **Sep. 2019 – Current**
- Designed UI, 3-tier architecture, database model, and data flow to meet project's requirements
- Full-stack development in mySQL, Express.js, React.js, Node.js, and deploy app using DigitalOcean

HopLite // Back-end Engineer Lead   **Sep. 2018 – May 2019**
- Led a team of 4 to build platform to host sessions and mock interviews to help students practice interview skills
- Helped 30+ SJSU fellows secure internships & 65% of members received phone/technical interviews

ngMigration Assitant // Google Open Source Contributor   **Sep. 2018 – Dec. 2018**
- Built cross-platform desktop app using Eletron, written in HTML/CSS, JavaScript
- Improved and optimized scanning feature using Node-TypeScript-parser to avoid unnecessary checks