Calvin Nguyen

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OBJECTIVE

A 4th-year student, strong problem solver & top writer at Medium's largest publication with 2+ years working with Web/iOS development. Seeking for a summer internship 2020 in full-stack development at Apple.

EDUCATION

B.S in Software Engineering | San Jose State University   **Dec. 2020**
A.S in Mathematics | Berkeley City College – specialized in C.I.S   **May 2017**

EXPERIENCES

PayPal Inc.   **iOS Engineering Intern**   **Jun. 2019 – Aug. 2019**
- Pioneered iOS SDK with Bluetooth, Wi-Fi APIs for PayPal Here products
- Developed both iOS/Android app to communicate with mPOS devices
- Boosted testing experience of mPOS device faster by 3x in iOS and Android
- Hands-on card processing's experience with EMV/Contactless/Magstripe cards

Stealth Startup   **Node.js/iOS Software Engineer**   **Dec. 2018 – Current**
- Wrote detailed on-boarding doc, project requirements, and web architecture diagrams
- Released 2 versions of iOS/web dashboards in Swift, MongoDB, Express, React & Node
- Utilized Google Cloud for file uploading & App Engine for client/server deployment

PayPal Inc.   **Full-stack Engineering Intern**   **Jun. 2018 – Aug. 2018**
- Worked with Director of People Engagement Team to build and deploy an event app
- Intensive backend development in Node.js, PostgreSQL that contains 3000+ LOC
- Designed and developed UI using Apache Cordova, HTML/CSS/JavaScript/Mustache
- Collected data of 2000+ employees to enhance on-campus engagement experience

UC Berkeley   **CS 61B Lab Assistant**   **Aug. 2016 – May 2017**
- Assisted students in lab & office hours in a Data Structure course of 900+ students
- Enhanced analytical and debugging skills while helping students solve their problems

PROJECTS

Enterprise Software Platform | Java Developer
- Build a 3-tier web architecture with Java, Spring and MySQL
- Use Docker, Apache Spark/ Hadoop and AWS S3 in the project

Degree Planning Assistant | Lead Backend Node.js Developer
- A web app that recommends a balanced schedule for students based on their needs and course difficulty
- Built a transcript parser using Google Cloud Vision API, Node.js, and many CRUD APIs

Easy Split Payment | Project Lead
- Led a team of 3 to design the UI for financial tracking among group's members
- Full-stack development with MySQL, Node.js/Express.js, React.js & Heroku for deployment

A.I. Programming | Python Developer
- Implement informed/uniformed search algorithms such as A* algorithm, BFS/DFS, forward checking in CSP

SKILLS

Front-end: HTML/CSS/JavaScript (ES6), Cordova, React.js   **Cloud:** Google Cloud Vision, S3, DynamoDB
Back-end: Node.js/Express.js, MongoDB, MySQL, PHP   **Programming:** Java, Python, C/C++
Mobile: Swift/SwiftUI, XCode, Android Studio   **Tool:** Git, Docker, Spark, Spring