Vishaal Prasad

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Education

San Jose State University
B.S. Computer Science
Current GPA: 3.5/4.0
Dean's Scholar Award
May 2018

Coursework

Data Structures
Object Oriented Design
Big Data Problems
Database Management
Intro to Artificial Intelligence
Computer Architecture
Formal Languages
Programming Paradigms

Languages & Tools

- Java, C
- JavaScript, Python
- Git, Bash
- Apache Hadoop, Hive, Drill, Kafka, Spark
- Verilog, Prolog
- SQL, Scheme
- Android Studio, Lottie
- Adobe Photoshop
- Adobe Illustrator

Operating Systems

- Windows
- macOS
- Linux/Ubuntu

Experience

TripIt Inc., SAP Concur, San Francisco, CA   June – August 2017
SAP iXp Mobile Software Developer Intern

- Enhanced the most frequently used TripIt Pro feature, Alternate Flights, for Android, used by over 1 million TripIt Pro users globally
- Migrated internal SQLite database to utilize Android Architecture Components
- Collaborated with UX and back-end development teams
- Worked in an Agile environment as part of the travel reservation Scrum team

ThrowMotion Inc., Sunnyvale, CA   January 2016 – June 2017
Mobile Developer

- Developed and designed Android GUI for the ThrowMotion Cricket Table simulation game, currently live in four countries
- ThrowMotion develops tabletop simulation games for cricket and baseball with user connectivity for account management and scorekeeping
- Prepared design documentation and coordinated development with overseas employees
- Managed Git repositories and source control

Cisco Systems, San Jose, CA   Summer 2013 – 2015
Cisco Instant Connect

- Worked across US and overseas teams to develop an Android Application for cross-platform real-time communication

Cisco Patient Connect

- Designed UX for various Patient Connect features, live in over 2 thousand hospital patient rooms in the country
- Developed test-cases and performed end-to-end feature testing

IP Central Import Tool

- Developed Java code to automate the importing of open source assets into the Cisco Intellectual Property tracking system, saving time for over 30,000 developers and legal personnel

Safari Kid, Fremont, CA   January 2013 – May 2014
Java Instructor

- Prepared teaching plans and conducted training classes for Junior High School students

US FIRST Robotics, Fremont, CA   November 2011 – December 2013
FTC Team 455 Lead Programmer

- Led a team of programmers to develop software for our robot to compete in tournaments

Projects

- **PcrForDummiez** – An Android App to facilitate Polymerase Chain Reaction calculations in the lab for biologists
- **VioletDroid** – An Android App to create and share UML Diagrams on the go
- **SudokuAI** – Using Python 2.x and topics in AI to solve Sudoku puzzles
- **PaceNotes** – An Android App to highlight and warn a driver about sharp, blind corners on their route when driving on windy roads
- **Lupus Big Data** – Analyzing tens of thousands of Tweets to learn what those affected by Lupus are saying so doctors can focus research accordingly