Vishaal Prasad

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Education

San Jose State University
B.S. Computer Science
Current GPA: 3.50
Dean's Scholar Award
Spring 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, Schema
- Android Studio
- Adobe Photoshop
- Adobe Illustrator

Operating Systems

- Windows
- macOS
- Linux/Ubuntu

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/in/vishaal-prasad

vishaal.me

Experience

TripIt Inc., SAP Concur, San Francisco, CA   June – August 2017
SAP iXp Mobile Software Developer Intern
- Enhanced the TripIt Mobile Android Application for flight rebooking
- Collaborated with the UX and back-end development teams
- Worked in an Agile environment as part of the travel reservation scrum team
- Migrated internal SQLite database to utilize Android Architecture Components

ThrowMotion Inc., Sunnyvale, CA   January 2016 – June 2017
Mobile Developer
- Developed and designed Android GUI for the ThrowMotion Cricket Table simulation game
- 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
- 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

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 the 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** – A Python 2.x program to solve Sudoku puzzles utilizing topics in Aritificial Intelligence
- **PaceNotes** – An Android App to highlight and warn a driver about sharp, blind corners on their route
- **Lupus Big Data** – A project to analyze Tweets using Big Data tools to learn what those affected by Lupus are saying so doctors can focus their research accordingly