




# 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

### Triplt Inc., SAP Concur, San Francisco, CA

June – August 2017

SAP iXp Mobile Software Developer Intern

- Enhanced the most frequently used Triplt Pro feature, Alternate Flights, for Android, used by over 1 million Triplt 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
- **Kafka Login Anomaly Detector** – Using Apache Spark and Kafka to detect and report login anomalies in realtime on Unix machines
- **SudokuAI** – Using Python 2.x and topics in AI to solve Sudoku puzzles
- **Lupus Big Data** – Analyzing tens of thousands of Tweets to learn what those affected by Lupus are saying so doctors can focus research accordingly