GOPI SURESH

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OBJECTIVE: Interning in a software engineering position with an emphasis on problem solving.

EDUCATION

9/15 - (6/19)
Los Angeles, CA

University of California, Los Angeles
Bachelors of Science Computer Science and Engineering, **GPA**: *3.894*

Relevant Coursework: Computer Science 1; Data Structures; Software Construction Lab; Computer Organization, Logical Design of Digital Systems, Discrete Math, Linear Algebra

9/14 - 5/15
Saratoga, CA

West Valley Community College
High School Concurrent Enrollment

Relevant Coursework: Multivariable Calculus; Differential Equations

08/11 - 06/15
Cupertino, CA

Cupertino High School
Graduated in top 5% of class, **SAT:** *2350,* **GPA:** *4.405*

Relevant Coursework: AP Computer Science, 5; AP Statistics, 5;

RELEVANT EXPERIENCE

Volunteer Computer Science Instructor

6/14 - 8/14
West Valley Library

9/14 - 11/14
San Jose, CA
Biblioteca Latinoamericana

- Taught the fundamentals of JAVA programming to 10 students at each location.
- Created syllabus, homework, lectures, and quizzes for the duration of the course.

8/14 - 6/15
Cupertino, CA

Physics Lab Assistant
Department of Physics, Cupertino High School

- Designed lab specifications and procedure, constructed lab apparatus, and graded labs.

RELEVANT PROJECTS

GoComics Android Application
- Scrapes comics from a website and displays it to the screen along with an interface for navigation.
- Implemented the Android interface and used multi- threading effectively.

Micromouse (IEEE)
- Completed a robot that moves autonomously and gathers input from sensors.
- Designed and soldered PCB's, learned to read electronic component spec sheets effectively.

Lazeretch
- Created a Java program that takes in an image input and converts it into a file of vector instructions.
- Collaborated on a robot that reads this file and burns the image onto wood with a 3-watt laser.

Scorify
- Wrote a program with Java that analyzes music files and outputs the instrumental score.
- Received honorable mention at a High School Hackathon, HS Hacks.

RELEVANT SKILLS

Proficient in: C++, Java, C, Shell Scripting, Git, Linux Command Line, Python

Some Experience in: HTML, Logical circuit design

AWARDS

National AP Scholar; AP Scholar with Distinction; AP Scholar , Regents Scholarship to UC Santa Barbara