

Parameswaran (Amit) Ranganathan

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OBJECTIVE

Second year undergraduate student seeking an internship position in a company environment

EDUCATION

San Jose State University

August 2015 – present

B.S. Computer Science (2019) – GPA: 3.5

Relevant Coursework: Introduction to Data Structures, Introduction to Computer Systems, Data Structures & Algorithms, Object Oriented Design

Cupertino High School

August 2011 – June 2015

Relevant Coursework: AP Computer Science, Introduction to Java

De Anza College

June 2013 – August 2013

Relevant Coursework: Beginning Programming Methodologies in C++

PROJECTS

- **Helicopter Game (2013): (OBJECTIVE C)** Acquired skills independently by viewing YouTube tutorials to create a game in which the user controls a helicopter to fly through numerous obstacles.
- **Minesweeper (2015): (JAVA)** Coded a Super Mario themed Minesweeper game using graphical user interfaces and recursive algorithms.
- **Arithmetic Calculator (2016): (MIPS Assembly)** Designed and developed an arithmetic calculator, which included addition, subtraction, multiplication, and division operations, using assembly level logical operations.

TECHNICAL EXPERIENCE

WAY.com

Fremont, CA

Bookkeeper & Q/A Engineering Intern

November 2015 – May 2017

- Categorized transactions into their respective classes on QuickBooks & managed the company's finances on a weekly basis
- Conducted comprehensive Q/A tests of various cases and new sprints to facilitate the development of the WAY.com mobile app

Hackathons

Bay Area, CA

Participant

March 2014 – present

- Participated in Cupertino Hack Day, HS Hacks, and HS Hacks 2
- Attended workshops and acquired skills in programming languages
- Developed programs and algorithms such as calculators, sorting algorithms, graphical user interface games

LEADERSHIP EXPERIENCE

Nadhopasana Academy of Fine Arts

Cupertino, CA

Senior Student/Teacher

January 2013 – present

- Teach lessons in Mrudangam (South Indian Classical Drums) to students of all levels
- Have accompanied leading vocal and instrumental artists in 150+ concerts across the United States and India

Chinmaya Mission

San Jose, CA

Volunteer Sunday School Teacher

August 2013 – June 2015

- Educated a class of 40 students on topics related to spirituality
- Helped raise over \$250,000 for the organization as the lead singer in a 10-CD project consisting of 100 songs

Tino Crew

Cupertino, CA

Crew Leader

August 2013 – June 2015

- Led and assisted groups of incoming freshmen during the school's orientation day for two years
- Led students on a campus wide tour and explained various school rules and norms

SKILLS, AWARDS, HONORS & INTERESTS

Languages: Java, C++, HTML/CSS, JavaScript, JQuery, MIPS Assembly

Other Skills: Microsoft Suite (Word, Excel, PowerPoint), Eclipse, XCode, MARS, Leadership, Teaching

Honors & Awards: Honor Roll, California Scholarship Federation & National Honors Society Life-Long Member

Interests: Mrudangam (South Indian Classical Drum), Singing, Basketball, LA Lakers, Gaming