

Prashanth Sadasivan

Objective

Summer Internship related to the Computer Science, Computer Engineering, or Information Technology fields

Education

University of Michigan-Ann Arbor, MI

Bachelor of Science in Engineering: Computer Science Engineering, May 2013

Cumulative GPA: 3.389 Class Level: Sophomore

Relevant Courses

- ENGR 101: Intro to Engineering Programming (C++/MATLAB)
- ENGR 100: Music and Microprocessors: An Introduction to Computing Systems (Verilog/Quartus)
- PHYSICS 240: Electricity and Magnetism
- EECS 280: Programming and Intro to Data Structures (C++)
- EECS 203: Discrete Mathematics
- MATH 425: Intro to Probability

Projects

- Programmed a simulation for the board game “Sorry” which simulates an entire game, given a specified board and deck, using pointers, heterogeneous data types, and file input/output.
- Designed a digital circuit using Verilog and the Altera DE2 board, which implements the Rot13 algorithm to scramble simple strings stored in memory.
- Programmed, and designed a vocal effects processor to modify sound of recorded voice using assembly code for e100 processor, and the Altera DE2 Board.

Languages

- C/C++, Verilog, UNIX, Assembly, SQL, VBA for MS-Access, HTML

Previous Relevant Work Experience

6/2/10— 8/13/09

Bristol Myers Squibb

New Brunswick, New Jersey

Summer Intern: Database Design

Designed and created a database with GUI using Microsoft Access, SQL, and VBA to help maintain GMP Compliance related to personnel training.

Leadership and Involvement

Member, Club Ultimate Frisbee Team. (09/2009-05/2010)

Member, Indian American Student Association (09/2009-Present)

Member, CSE Scholars(09/2010-Present)

Member, M-HEAL(09/2010-Present)