

SNEHAL PATIL

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<http://snehal2288.github.io/>

OBJECTIVE:

Seeking internship or Co-op opportunities in Software Engineering & Testing.

EDUCATION:

MS in Computer Science, Santa Clara University, USA, (Sep 2015-Current)

GPA: 4.0/4.0, COURSES: Data Structures and Algorithms, Operating Systems, Computer Networks

BS in Electrical Engineering, North Maharashtra University, India, Jun 2006-Jun 2011)

GPA:3.7/4.0, Project: Implemented and tested Generic Programmable interface device using VB

CERTIFICATIONS:

Fundamentals of Computing, Rice University, USA, (May 2014- Current)

GPA: Distinction, COURSES: Programming in Python, Principles of Computing, Advanced Algorithm

Systems Programming, De Anza College, Cupertino, USA, (Sep 2014-Sep 2015)

GPA: 3.8/4.0, COURSES: C++, Object Oriented Programming, Data Structures, Assembly Language, Database Engineering, Probability & Statistics

WORK EXPERIENCE:

Kuka Systems Pune, India, (Nov 2011 – Nov 2013)

Design Engineer (Control and Automation Department):

- Industrial PLC Programming for BIW (Body in White) line.
- Preparation of electrical circuit diagram using contactor logic in E-Plan-P8 software
- Troubleshoot PLC and data collection system software using Perl/Python
- Created a Documentation website using HTML/CSS/JavaScript.

TEACHING EXPERIENCE:

Tutor ■ De Anza College ■ Cupertino, CA, USA, (Jun 2015- Sept 2015)

- Tutor for C++ and Data Structures courses at DeAnza College

COURSE PROJECTS:

Computer Networks (Tool: Eclipse, Language: Java): Implemented SFTP – Reliable Transfer over a Reliable/ unreliable channel with Bit Errors.

Algorithms (Tool: Visual Studio, Language: C++): Implemented a simple Bank Operation using first come first server and Shortest job first algorithm, Minimum spanning tree: Program implements the minimum spanning tree using Kruskal's algorithm,

Computer Architecture (Tool: Altera Quartus, Language: Verilog): Implement the single cycle MIPS 32 CPU

Games implemented in python: Built simple interactive applications like Rock-paper-scissors, Guess the number, Blackjack, Ping Pong in python. **Games implemented in Java, C++:** Hangman, Break out, Word ladder, life.

Project Uploaded here: <https://github.com/Snehal2288/>

REFERENCES:

1. Angela Musurlian- Lecturer, Santa Clara University, Santa Clara
2. Kamran Eftehkafr- Lecturer, DeAnza College, Cupertino