SNEHAL PATIL

194 Roxbury St # 3, Santa Clara CA 95050 Ph#408-599-6368 Email: snehalppatil88@gmail.com

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 Channel, Reliable transfer over an unreliable channel with Bit Errors that can also loose packets,
Algorithms (Tool: Visual Studio, Language: C++): Bank Operation: Program implements the 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.

REFERENCES:

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