Aniruddha Patel
Software Engineer (Intern)

San Diego, CA - Email me on Indeed: indeed.com/r/Aniruddha-Patel/bde5b28d58516766

Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer (Intern)
TechSmith Solutions Private Limited   -   Ahmedabad, Gujarat - May 2016 to August 2016

Ahmedabad, Gujarat, India
Developed software for Medical Instrument (Hematology Analyzer, Electrolyte Analyzer and Coagulation Analyzer)
interfacing with Hospital Management System (LIMS) using C, C++, RS232, MySQL, ASTM 1381-02

Academic Internship
Institute for Plasma Research, Department of Atomic Energy, Government of India   -   Gujarat,
IN - December 2015 to April 2016

Gov. of India, Gandhinagar, Gujarat, India
Designed and redeveloped circuit/controller for the Bayard- Alpert ionization gauge used for vacuum measurement.
Previous Bayard - Alpert gauge controller was 25 years old and obsolete in market, hence it was needed to re-design and re-develop such controller with higher efficiency.
(Languages: C, C++; Software Tools: OrCAD, Keil uVision; Controller: AT89C52)

EDUCATION

Master of Science in Electrical Engineering
San Diego State University   -   San Diego, CA
August 2016 to May 2018

Bachelor of Technology in Electronics & Communication Engineering
Dharmsinh Desai University   -   Gujarat, IN
July 2012 to May 2016

SKILLS

C (1 year), C++ (Less than 1 year), Python (Less than 1 year), Assembly (Less than 1 year)

LINKS

http://www.linkedin.com/in/aniruddha-patel

ADDITIONAL INFORMATION

Skills

Programming Languages: C, C++, Python, Assembly

Software: MATLAB, Keil uVision, Codeblock, OrCAD, Proteus

Development Boards: Arduino, Raspberry Pi

Microcontroller/Processor: 8051, 8086, ARM7TDMI

Communication Protocol: ASTM […] (Used in Clinical data transfer), SPI, I2C, USART

Platform: Predix (General Electric) (As a part of GE California State University Challenge)