

Sufyan Dawoodjee

(321) 750 – 7891 • eejdoowad@gmail.com • dawoodjee.com

OBJECTIVE

A software development internship

EDUCATION

University of South Florida GPA 4.0
Bachelors of Science in Computer Engineering

Tampa, FL
Expected December 2014

SKILLS

Proficient in C, C++, C#, Python, MATLAB
Familiar with HTML/CSS/JavaScript
Visual Studio, Eclipse
Windows, Mac OS X, Linux
Verilog, VHDL, SPICE, Cadence Virtuoso

EXPERIENCE

Application Developer Intern, J.P. Morgan Chase

June 2014 – August 2014

- Enhanced the GLE (Global Liquidity Engine) frontend to provide convenient access to corporate account and arrangement information
- Coordinated design review for a major GLE release

Student Assistant, Robot Perception and Action Lab

May 2013 – Present

- Ported vessel enhancement and feature detection algorithms from MATLAB to C++
- Segmented vessels and organs from CT Scans and generated 3D models

PROJECTS

Senior Project for CAE Inc.

- Developed a real-time debugging utility for flight simulators using C#
- Allows users to capture and modify variables on running simulations

FPGA-based Audio Recorder/Player

- Records and plays audio data on a Xilinx Virtex-5 development board
- Designed and implemented state machines in Verilog for controlling audio codec, LCD display, IP core RAM, and overall system

Full-Custom Thermometer ASIC

- Designed, from scratch, the schematic and layout of a CMOS circuit for displaying ambient temperature in degrees Celsius or Fahrenheit in BCD
- Performed SPICE simulations to verify both schematic and layout integrity

HONORS & ACTIVITIES

Program-A-Bull Competition

2nd place

October 2014

Inventors' Club at USF

President

October 2012 – May 2014

Institute of Electrical and Electronics Engineers

Member

September 2012 – Present