

Tam Dong  
12807 Teal Oaks Ln  
Phone: 832 382 4082  
Email: tddong@uh.edu

## Objective

To obtain an internship/co-op position in Computer Engineering or related fields.

## Education

### University of Houston – Main Campus, Houston TX

Bachelor's Degree in Electrical/Computer Engineering

- Expected Graduation: Dec 2017
- Cumulative GPA: 2.97/4.0
- Dean's List: Spring 2013 and Spring 2014

## Technical Experiences and Projects

### Digital Logic Designs

Fall 2015

- Use various digital logic chips such as 74LS83, 74LS86, and flip-flops to construct different digital logic design circuits
- Design, test and build an arithmetic 4-bit adder and subtractor with J-K flip-flops using SimUAID
- Design, test and build a traffic light sequential model with a human input controller

### Microprocessor

Fall 2015

- Debug and program in assembly language to control the input and output of the MC9S12C32 microcontroller
- Utilize knowledge of I/O interfaces and data communication to communicate with the MC9S12C32 chip using C

### Introduction to Computer Science II

Summer 2015

- Create a hospital system in command prompt that loads data from a .txt file and produce classes of employees using both C++ and Java. Program also counts the total employees and gives the users options to add or remove an employee
- Use Java Graphics Class to design a graphical interactive animation circuit with simple elements such as light bulb and switches

## Experiences

### UH, Office of the Provost, Writing Center – Web Developer, Houston, TX

June 2015 – Present

- Develop and manage the website of the UH Writing Center
- Receive feedbacks from the administrative staff to troubleshoot the web and computer related issue
- Design or modify existing graphic elements such as logos or symbols for webpages
- Build a mobile friendly and interactive version of the web on tablets and smartphones
- Monitor and set up schedules for the department's security system

### UH, Information Technology - Student Technician, Houston, TX

January 2014 – May 2015

- Assist faculty and staff with set-ups, delivery and demonstration of classroom technology equipment.
- Troubleshoot as well as prevention maintenance of classroom technology equipment.
- Perform diagnostics and troubleshooting of system issues.
- Document help-desk ticket/ resolution
- Maintain equipment inventory lists

## Skills

- Able to identify, diagnose and document basic hardware failure or software problems on a variety of computer or computer-related equipment.
- Efficient with compilers and automated simulation programs such as Xcode, VS, Netbean, SimUAid and LogicAid.
- Basic knowledge of C, C++, Java, Assembly Language
- Familiar with basic electronics and digital designs lab equipment such as functions generator, oscilloscope and multimeter
- Fluent in Vietnamese (Native proficiency), English (Professional proficiency)