

Quoc Nguyen

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Contact Info:

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EDUCATION

University of Houston – Main Campus

Bachelor of Science in Computer Science; Minor: Mathematics

Expected – May 2017

Relevant Coursework: Data Structures and algorithms, Hardware and Computer Organization, Object Oriented Programming, Database systems, Discrete Math, Intro Java and C++ courses

SKILLS

Programming Languages – C++, Java, Swift, Objective C, MIPS Assembly, JavaScript, HTML/CSS

WORK EXPERIENCE

United Airlines – Software Engineer Co-op / Intern

January 2016 – May 2016 – Houston, TX

- Support development and modification of software aspects of advanced aircraft systems
- Plan, conduct, and coordinate development of scientific computer programs on 737 and 787 aircrafts.

TLV Advanced Software – Software Quality Assurance

September 2015 – December 2015 - Houston, TX

- Used test automation software programs which set up test trials and preconditions to examine product functionality, content and user friendliness.
- Simulated product performance, evaluate results, and compare those results with predicted outcomes.

RHBPO – Web Developer Intern

Summer 2014 - Houston, TX

- Created new forms to collect and validate data from the user in HTML5 and JavaScript, which improved completion rate by 60%
- Implemented rigorous process for cross-browser testing in Chrome, Mozilla and IE, which corrected layout issues on 4 main site pages
- Redesigned entire website layout, user interface, visual effects, etc.

Kumon – Office Administrator / Tutor

August 2013 to March 2014 – Houston, TX

PERSONAL PROJECTS

Ski Game (Gameboy Advance ROM) – C++

- GBA ROM game that allows user to ski down mountains and dodge trees as score increases with time
- Gained experience in the C language and displaying graphics in GBDK

GPA Calculator App – Swift / Objective C

- A basic GPA calculator - currently available at Apple's app store
- Learned more about OOP, memory management, and the Swift programming language

LEADERSHIP

➤ **Boy Scouts of America** – Troop 815

Former President - 2012

➤ **Gamma Beta National Fraternity**

Webmaster – 2012, 2013

➤ **Soaring Phoenix Association** – Chinese lion dance team that performs for charity

New member educator – 2013