HOANG NGUYEN

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OBJECTIVE
To utilize leadership skills and hands-on programming experience to obtain a Computer Engineering Intern position.

EDUCATION
Bachelor of Science, May 2018

Messiah College, Mechanicsburg, PA, 17055, USA	Overall GPA: 3.94
Major: Computer Engineering	Major GPA: 3.91
Computer Science	Major GPA: 4.0

SKILLS:
- **Programming Experience: Java (Proficient)**, Python, JavaScript, C++, C#, MySQL, PHP, Android, MATLAB, Scheme, XML
- **Other Experience:** Arduino UNO, Machine Learning, Computing Systems, Algorithms

RELATED EXPERIENCE
Scientific Computing Intern (Java Developer Intern), **Vertex Pharmaceuticals Inc.**, Boston, MA   May 2016 – August 2016
- Developed sorting functionality by name, last modified date and the number of recent runs for ASAP application
- Designed PowerPoint export layout design for Single Compound View for ASAP application
- Enhanced flexible filter options to display result samples for ASAP according to users' interest in the specified assays

Technical Assistant, **Student Computer Services (Messiah College)** Mechanicsburg, PA   January 2015
- Troubleshot, supported and resolved software and hardware problems on PCs and Macs for students and faculty's laptop
- Re-imaged desktops, run maintenance and troubleshoot reported software and hardware problems in lab rooms, faculty and staff offices
- Troubleshot and replaced AV equipment for classrooms and conference rooms

PROJECT EXPERIENCE
MC HAMMERED PROJECT Member, **DragonHacks**, Philadelphia, PA   January 2016
- Developed Android application to detect if a person is intoxicated or not
- Promoted potential improvements in application such as generating text messages to relatives or the most recently dialed numbers

Project Intern, FTMS Project (Flight Tracking and Messaging System), **Collaboratory, Messiah College**   August 2015
- Participated in developing a more user-friendly interface display for pilot control unit by utilizing Arduino and C++ Programming
- Utilized UML and MagicDraw software to display flowchart of control design for the tracking and messaging system

Project Intern, FAITHCONNECT Project, **Collaboratory, Messiah College**   January - August 2015
- Participated in building and testing FaithConnect website by combining PHP and SQL language
- Worked on planning process and use cases documentation to build Android and iOS application for websites

Team Member, **Genealogy Software Solution**, Ho Chi Minh City, Vietnam   June - December 2013
- Created a genealogy website for Vietnamese users to connect family members together. Children can study their origins and memorize their traditional days
- Wholly written in Vietnamese, website was under construction for better connections among Vietnamese with different geographic

LEADERSHIP
International Mentor, **International & Missionary Peer Advisor Program, Messiah College**   August 2015
- Represented Vietnam at Messiah College and mentor two prospective international students at Messiah College in transitioning into American social and academic culture
- Assisted Intercultural Office in monitoring freshman international adaptation progress over one academic year

Logistics Assistant Manager, **VietAbroader Conference**, Ho Chi Minh City, Vietnam   May 2012- August 2014
- Organized annual VietAbroader Conference to assist 500 high school students in finding and choosing appropriate schools for US study each year with participation of nearly 100 colleges and universities in the United States
- Recruited and assign tasks to volunteers during the conference day
- Signed venue contracts and finalized electronic equipment with venue organizers for the conference day
- Contacted, dealt price and signed contracts with printing companies for souvenirs, booklets, certificates

VOLUNTEER
International Ambassador, **Global Ambassador Program, Messiah College**   February 2015
- Exchanged email, gave talks to and hosted prospective international students over the weekend at Messiah College
- Represented Messiah College at such study-abroad fair at hometown as VietAbroader Study-Abroad Conference in Vietnam