**PHONG VO**

Lowell, MA | Phong\_Vo@student.uml.edu | (978) 930-6929

U.S. Permanent Resident | http://www.linkedin.com/in/phonghvo

Junior Computer Science student available for 6-month co-op January 2019

EDUCATION

**University of Massachusetts Lowell**,Lowell, MA

Bachelor of Science in Computer Science – Honors: Dean‘s List May 2020

Relevant courses: Computing II (Data Structures), Computing IV (Algorithms), Discrete Math, Logic Design

**Middlesex Community College**,Bedford, MA

Associate Degree in Computer Science – Honors: Dean’s List Dec 2018

Relevant courses: C++, Java, Linux OS, Visual Basic

**University of Technology**, Ho Chi Minh City, Vietnam

Master of Science in Software-Oriented Automatic Control Systems Sep 2009

Bachelor of Science in Electronic Engineering Dec 2005

Relevant courses: C#, Computer Vision, DSP, DIP

SKILLS

* **Programming Languages** – C, C++, C#, Java, MATLAB, VB
* **Operating Systems** – Windows XP/Vista/7/10, Unix/Linux
* **Web Design** – HTML, Dreamweaver, Expression Studio
* **Tools** – Visual Studio, Visual .NET, Computer Vision, MS-Office, Visio, Access, VMWare

ACADEMIC PROJECTS

**Catering Menu Order (Visual Basic)**

* Developed project using VB OOP to manage database of food and beverages orders in a restaurant

**Employee Information System (Java)**

* Created an app that manages employee profiles and then stores the database in dedicated output files

**Guitar Simulation (C++)**

* Used Karplus–Strong algorithm to simulate plucking guitar, generate audible strings using qwerty keyboard

**Vehicle Detection and Recognition based on Computer Vision (Visual C# .NET framework)**

* Trained the program using Computer Vision to be able to detect, recognize, enumerate and estimate vehicle-to-camera distance (in real-time) buses, cars and trucks which might appear in captured videos

WORK EXPERIENCE

**Target** –Wilmington, MA Nov 2018 – ongoing

* Participating in electronic section to provide the best technical recommendations to guests

**Middlesex Community College** –Lowell, MAJan 2016 – May 2016

* As a Supplemental Instructor Leader, provided C++ tutoring to students and assisted them with programming projects and assignments. In addition, helped instructors as needed.

**Vietnam Airlines – Tan Son Nhat Airport** – Ho Chi Minh CityOct 2009 – Jan 2014

* Head Engineer in the Department of Aviation Electronics Engineering to perform troubleshooting and maintenance on the A330 aircrafts with Airbusworld.com/Airbus-Airn@v

INTERESTS

* Vlogs and travel/comedy YouTube channels (The Ellen Show, Casey Neistat, Jimmy Fallon), Soccer