

PHONG VO

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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, MA

Jan 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 City

Oct 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