Long Pham

Graduated Software Engineer

1166 Staghorn Cres
London, ON, N5Y5R1
Cell: 519-854-4878
longmpham93@gmail.com

EDUCATION

Western University,
Bachelors of Software
Engineering Science,
Graduated June 2016

PROGRAMMING LANGUAGES

C++, C#, Java, C, Assembly

DATABASE LANGUAGES

MySQL, MongoDB

MARKUP LANGUAGES

HTML, CSS, JS

SKILLS

Version control using git,
Team management using
Agile methodologies

COURSEWORK

Operating systems, algorithms
and data structures, real-time
embedded systems, software
verification and validation,
information security, project
management,
microcontrollers and
microprocessors

CERTIFICATIONS

National Lifeguard Service
2016,
Standard First Aid with CPR-C-
2016

EXPERIENCE

Senior Software Engineer—Web Application Developer — June 2016

Languages Used: HTML, JS, CSS

- Developed the informational webpage using HTML5 and CSS3 following the design plan according to the requirements given.
- Advised and coordinated with a team of 6, planning and designing their upcoming web platform and currently developing the beta application.
- Using tools like Asana, and git, I am able to coordinate and manage the team's progress and prioritize tasks to each other.

Software Developer—Microcontroller Virtualizer — Apr 2016

Languages Used: Assembly, Byte Code, Java, C

- Creating a compiler written in Java in order to virtualize a microcontroller for education purposes.
- Using Serial Port to communicate to the microcontroller.
- Developing a simple GUI to utilize the virtual microcontroller.

Software Instructor—JS Game Development — Aug 2015

Languages Used: HTML, JS, CSS

- Created a "learn how to code" curriculum for high school students using Markup Languages.
- Instructed a class of 21 students in a normal class setting.
- Created a simple game using an online game engine, Phaser.JS, using the basic skills learned throughout the curriculum.
- Taught students essential programming skills such as commenting and code structuring.

Project Coordinator—Digital Engagement Xperience — Apr 2015

- Using Scrum-Agile methodology to collaborate with a team of 4.
- Tools like Git, BitBucket, JIRA, Confluence, and Bamboo were used to collaboratively keep all information across the team.
- Made sure that tasks assigned were completed and tested before sending code to the master.

EXTRA-CURRICULARS

Western Outdoors Club—VP Social — current

- Coordinate social events for a club with over 200 members.
- Organize, budget, and run camping trips and day trips.
- Assist with other executives to inform the club members.

PROJECTS

Real Time Embedded System—Control a Ping Pong Ball in a Tube

- Using MicroC and C code to create and handle tasks with semaphores.
- Gather feedback efficiently to change the control system.
- Able to control the system and change values via hardware and software.

Pebble Smartwatch App Development—Create A Watch Face

- Designing a unique watch interface that includes multiple API calls to weather apps, and calendar apps.