

Summary of Qualifications

- Knowledge in *C*, *C++*, *Python*, *JavaScript*, *HTML*, and *CSS* through self-learning
 - Familiarity with version control using *Git* and *GitHub*
 - Experience in graphics design with *Photoshop*
 - Willingness to learn and adapt to new working environments
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Projects

Matrix.js | *Javascript, AngularJS* *December 2014*

- Constructed a web-app that handles computations of linear algebra problems
- Acquired basic knowledge of RegEx to properly validate input forms

KnightBot | *Python* *Group Project, November 2014*

- Contributed to a program which commands a robot acting as Knight to reach any location in a chessboard with the shortest path
- Integrated the GUI and path-finder algorithm

DJhey! | *Python, HTML, CSS, Bootstrap* *Waterloo EngHack, November 2014*

- Designed the layout and interface of a Django-powered web app that simulates a DJ
- Learnt the basics of how to manage the back-end of the app

PyCalculator | *Python* *September 2014*

- Implemented a calculator with GUI that handles natural arithmetic expressions
- Improved the shunting-yard algorithm to work with negative numbers

KirbyGame | *Python* *July 2014*

- Developed a game where player helps Kirby avoid rockets using various abilities
 - Devised a collision detector for the game
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Extracurriculars

Le Hong Phong Photography Club *August 2012 - May 2014*

- Provided extensive help and organized tutorials for photography beginners

1st prize in school-wide photography contest *February 2014*

Education

University of Waterloo **Waterloo, Ontario**

- Candidate for Bachelor of Software Engineering *August 2014 - 2019 (Expected)*

Le Hong Phong High School **Ho Chi Minh, Vietnam**

- Vietnam High School Diploma *August 2011 - May 2014*