Nhat Nguyen

☎ +1 226 989 9624
✉ nhat.nguyen@uwaterloo.ca

🏠 nhat-nguyen.github.io
🌐 nhat-nguyen

Technical Skills

- **Proficient languages:** C, C++, Python
- **Familiar languages:** Bash, Java, JavaScript, HTML, CSS
- **Tools:** Git, Sublime Text, Mac OSX, Windows, Android Studio, Photoshop, Teamviewer

Projects

⛓ **ReConnector** | *Flask, Facebook & Indico APIs, React* — *Hack the North, September 2015*

- Helped build a web-app that suggests topics to start conversations with your Facebook friends by analyzing their posts using machine learning API
- Integrated Facebook APIs in Python, and co-managed the back-end with Flask

☀ **Sunny** | *Android, Java* — *July 2015*

- Built a weather forecast app. Implemented a cities-autocomplete search box using Google Places API, integrated Forecast API with OkHttp library
- Established basic knowledge in the foundation of Android, some important concepts such as asynchronous programming & callbacks, and good MVC design patterns

⊞ **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 UI and path-finder algorithm

✗ **UtilitiesCollection** | *Python, Javascript, HTML, CSS* — *July 2014 - (Ongoing)*

- Implemented several self-made tools (game, timer, weather, calculator...), which utilized various open source frameworks, libraries, and APIs
- Learnt some principle design patterns; utilized design skills to make great-looking interfaces

Education

🎓 **University of Waterloo** — **Waterloo, Ontario**

- Candidate for Bachelor of Computer Science — *August 2014 - 2019 (Expected)*
- 92% Cumulative average. Dean's Honours List Winter 2015

Extracurriculars

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

- Provided extensive help and organized tutorials for photography beginners