

James Huynh

✉ on.jamesh@gmail.com

☎ 647-637-3306

🌐 linkedin.com/in/cabbagecanfly

👤 cabbagecanfly.com

🎓 Education

University of Toronto

Honours Bachelor of Science, Computer Science

Sep 2016 – Present

Toronto, ON

🕒 Experience

Embedded Software Designer at ExtentCom

- Developed command-line interfaces, scripts, and cryptosystems for wireless communication tools using **C** and **Perl**
- Tools include radios, power meters, switches, storage prototypes, etc.

May – Aug 2018

Richmond Hill, ON

🏆 Competitions

Educational Computing Organization of Ontario Contest

- Placed **Top 3** among school board (DPCDSB) and advanced to regionals in both years with a team of 4 students
- Used **Python** and **Java** to solve 4 challenging problems within 3 hours
- Developed better communication skills by coordinating with the team

Apr 2015 | 2016

Toronto, ON

GameMaker Competition

Mansion Buster, a nightmare-themed top-down shooter

- Coordinated implementation of the game with 5 team members
- Implemented mechanics like player abilities with GameMaker engine
- Game was recognized for unique design and enemy mechanics

Sep – Dec 2015

Mississauga, ON

💡 Projects

Interactive Treemap Visualizer

- Implemented a geometric tree visualisation algorithm using **Python**
- Designed to interact with real-world data such as the World Bank API
- Involved debugging contents of dictionaries obtained in JSON format

Nov – Dec 2016

Toronto, ON

Patient Priority Heap

- Designed a heap data structure with **Java** to prioritize patients based on their physical and mental conditions

May 2015

Mississauga, ON

👥 Volunteer Experience

Hour of Code

- Moderated the annual coding event with introductory programming activities to raise students' interest in coding

Dec 2014 | 2015

Mississauga, ON

</> Skills

Proficient with: **Python, Java, C** Familiar with: **HTML/CSS, JS, Perl, PostgreSQL, Git**