

Haoyu (Tiger) Sheng

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Education

🏛 **University of Toronto** **CGPA: 3.97/4.0 (93% Avg.)**

Major: Computer Engineering

📅 Sept. 2016 – Present

🏛 **Fredericton High School, NB** **95% Avg.**

Advanced Placement & University Dual Credit Program

📅 Jan. 2014 – June 2016

Work Experience

📁 **Summer Intern – IT**

Aviva Canada Inc.

📅 May 2017 – Aug. 2017

- Understood corporate cloud strategies and architecture.
- Managed JIRA agile project management software (sprint board) for cloud team.
- Hosted company-wide training sessions for Skype for Business deployment.
- Coordinated with IT Provisioning to set up process for domain clean-up project.
- Led team for IT support and hardware management for move project.

Projects

</> **City Map** – C++ map project with EasyGL front-end and custom back-end; utilized path-finding and traveling-courier algorithms.

</> **Tamagotchi** – Assembly language Tamagotchi game incorporating PS/2 keyboard and force sensor for feeding and petting functionalities 🔄

🔧 **Music Synthesizer** – Verilog hardware design to provide live music playback, real-time recording and VGA display functionalities

</> **ReversiBot** – Recursive AI for Reversi board game with breadth first search and game-specific greedy heuristic 🔄

</> **ESPQuiz** – Simple quiz program with JSwing GUI and pop-ups 🔄

</> **Simple GUI Calculator** – Utilized JSwing for GUI and ActionListener class for buttons 🔄

Skills

📖 **Alphabet Soup**

C++/C, HTML/CSS, Python, Java, MATLAB, Assembly, Verilog

💻 **Technical Knowledge**

Cloud Infrastructure, Hardware Design, Artificial Intelligence

🔧 **Tools**

Bootstrap, Microsoft Office Suite, Slack, JIRA, Git, SVN

🗨 **Soft Skills**

Project Management, Collaborations, Communication

Languages

English

Mandarin

Activities

🕒 **VP Operations**, University of Toronto Engineering Finance Association (2018-Present)

🕒 **Member**, University of Toronto Engineering Finance Association (2017-2018)

🕒 **Member**, University of Toronto Engineering Basketball Team A (Skule A) (2016)

Awards

🏆 **Dean's Honours List**, University of Toronto (2017)

🏆 **15th Place and final round**, Orbis Challenge hackathon (2016)

🏆 **Provincial Champion and 17th place in Canada**, Canadian Association of Physicists High School Prize Exam (2016)