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, Java, Python, 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)