

Caleb Tiger Choi

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SKILLS

- Experience in Java, C/C++, HTML/CSS/JavaScript, and Python
- Knowledge with Linux, Git/GitHub, and server back-end management

PROJECTS

- **REMOTE MONITOR [JAVA]**
 - Centralized, real-time LAN keylogger/screenviewer with a graphical user interface (GUI)
 - Allows for multi-threaded, independent network management of multiple connected computers
- **CHINESE CHECKERS CLIENT [JAVA]**
 - A client that communicates with a central server over LAN
 - Competes against 5 other AIs in a large tournament
 - Designed & implemented the AI, involving a dynamic, 16-level depth first search (DFS)
- **RHHS EVENT PLANNER [JAVA]**
 - Organizes registration, table seating, and food preferences, for any social event
 - Made for the RHHS Prom Committee
 - Created and managed file I/O, data structuring and handling

WORK & ACTIVITIES

- **RHHS COMPUTER SCIENCE CLUB EXECUTIVE (August 2015 – June 2017)**
 - Helped organize, manage, and teach the Python and Linux groups
 - Provincial finalist in the 2016 ECOO team programming competition
 - Ranked 1st in the McMaster University Science Olympics software challenge
- **KID'S GREAT MINDS (July 2013 – August 2013)**
 - Taught and tutored basic Java and Scratch programming at a private summer camp

EDUCATION

- **UNIVERSITY OF WATERLOO (September 2017 – April 2022)**
 - Bachelor of Software Engineering
- **RICHMOND HILL HIGH SCHOOL (September 2013 – June 2017)**
 - Received a 5 on the Advanced Placement Computer Science A exam