

Avid Eslami

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EDUCATION

- **University of Toronto** Toronto, CA
Bachelor of Applied Science in Computer Engineering *Sep. 2021 – Present*
- **Alexander Mackenzie High School** Toronto, CA
High School Diploma, IB Math + IB Physics *Sep. 2017 – Mar. 2021*

EXPERIENCE

- **Arshvid Technology** Toronto, CA
Software Engineer *Dec. 2020 - Aug. 2021*
 - **Green House Controller:** Programmed a remote green house control system which allowed for easy monitoring and actuation of systems functioning within the greenhouse.
 - * **Front-End:** Developed using React.js and Bootstrap. Displayed status conditions on the various elements of the greenhouse ranging from sump pumps to alarms.
 - * **Back-End:** Developed using Python on a Raspberry Pi. Monitored 'General Purpose Input/Output' pin voltages to determine status of greenhouse operations, or activated certain pins based on requests sent from the front end.
- **Listen Now** Toronto, CA
Web Developer *May. 2021 - May. 2021*
 - **Front-End Public Website:** Designed the website for Listen Now using HTML, CSS, and JavaScript with reference to a template: <https://listennow.ca>
- **Noodle Games** Toronto, CA
Game Developer *Dec. 2021 - Jan. 2022*
 - **Crusher's Proof of Concept:** Created a working proof of concept for an upcoming mobile game. Game was developed using C# in unity to demonstrate the basic concept of the game and run tests to determine whether the game is enjoyable.
- **SkateScribe** Toronto, CA
Research Assistant *Jul. 2022 - Aug. 2022*
 - **Mill Testing:** Modified spindle RPM and feed rate to assess and optimize the SkateScribe mill's performance. Assessed bugs in the SkateScribe interface and algorithm.

SOFTWARE PROJECTS

- **Ship Mayhem:** Video game made using C# in unity featuring nonstop action with simple rules.
- **League of Legends Icon Finder:** Web-app made using React.js to retrieve and display data from the riot API.
- **Personal Website:** website made using HTML, CSS, and JavaScript.

PROGRAMMING SKILLS

Languages: Python, HTML/JavaScript, C++, C#, C, MATLAB

Technologies: Git/Github, React, Unity, Bootstrap

PAST LEADERSHIP EXPERIENCES

- **First Robotics Club - CAD Lead:** Responsible for learning and distributing knowledge of the Onshape CAD software, to the FRC team at Alexander Mackenzie High School.
- **Science Club - Coleader:** Coordinated events and demonstrations for science club members in accordance with the availability of a chemistry teacher at Alexander Mackenzie High School.
- **Praxis 2 Design Course:** Took a leadership role during the Praxis 2 design project. Coordinated the team and created outlines for next steps in addition to deadlines.