Avid Eslami

https://www.linkedin.com/in/avid-eslami/
https://avideslami.github.io/Personal-Website/

Email : avideslami@gmail.com
Mobile : +1-647-803-2843

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*

PROGRAMMING SKILLS

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

Technologies: Git/Github, React, Unity, Bootstrap

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.

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.