Petar Isakovic

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Education

University of Waterloo   **Software Engineering, Honours, Co-op | 2024-2029**

- ❖ 1st-year student

Skills

Languages: Java, JavaScript, HTML/CSS
Technologies/Tools: Github, Arduino, Firebase, Figma, Replit, VS Code, IntelliJ

Work Experience

GooseHacks   **Organizer & Tech Lead | Kitchener, ON | Summer 2023**

- ❖ Developed the GooseHacks 2023 website using HTML, CSS and JavaScript
- ❖ Secured sponsorships from over ten organisations, such as Desmos, 1Password and Unity
- ❖ Promoted GooseHacks by creating a JavaScript Instagram bot to find high school hackathons and follow all students who participated in them
- ❖ Designed all social media advertising on the GooseHacks Instagram and Discord server

Projects

Multiplayer Snake Game🔗   **HTML, CSS, JavaScript, Firebase | March 2024**

- ❖ Coded the retro snake game into an online multiplayer remix that can be played with multiple users anywhere in the world through a website
- ❖ Developed the frontend of the website using HTML, CSS and JavaScript for visuals like the home screen and basic game logic such as player movement
- ❖ Used Firebase to handle the backend of the game when dealing with the communication of all player data between users on different computers

Chess🔗   **Java | June 2023**

- ❖ Created the game Chess in Java in which you can play a bot which will choose random moves against the opponent
- ❖ Developed and commented nearly 3000 lines of code to provide clear instructions on what each line accomplishes so that anyone could further build off my game

Awards

Scotiabank Software Engineering Entrance Scholarship

- ❖ A University of Waterloo entrance scholarship, valued at up to $15,000
- ❖ Awarded annually to an undergraduate student entering Year One of Software Engineering
- ❖ Selection is based on academic performance, extracurricular achievement as assessed through the Admission Information Form and the online video interview

Governor General's Bronze Academic Medal

- ❖ Awarded to the student who attains the highest overall average upon graduating from secondary school

Carter Family Award

- ❖ This award is in memory of John William and Jean Hamilton Carter, the parents of Huron Heights first principal David Carter
- ❖ It is awarded to an Honours student who demonstrates good citizenship, participated in school activities and is well respected by staff and students