# Petar Isakovic

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## Skills

**Languages:** Java, HTML/CSS, JavaScript, C++, C#
**Technologies/Tools:** Arduino, Unity, Figma, MIT App Inventor, Canva, Replit, VS Code, IntelliJ

## Work Experience

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

- ❖ Developed the GooseHacks 2023 website using **HTML, CSS and JavaScript**
- ❖ Raised over **$100,000** in hackathon sponsors from companies such as **Desmos** 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

**Java Programming Tutor**                    **Volunteer | Kitchener, ON | 2020 - Present**

- ❖ Developed and delivered **engaging lesson plans** to teach Java programming concepts to students with varying levels of experience
- ❖ Tutored students in grades 10-12 the **fundamentals of Java** (including concepts such as syntax and even data structures)
- ❖ Helped **first-year university students** understand how to create classes/objects as well as understand how inheritance works

## Projects

**A.I Therapy**🔗                    **HTML, CSS, JavaScript | August 2023**

- ❖ **Achieved first place** at the 2023 Hackamental Hackathon winning 100 dollars
- ❖ Developed an **A.I Therapist** that uses **JavaScript** and the **ChatGPT API** to have a conversation with anyone completely anonymously
- ❖ Used voice detection (**webkitSpeechRecognition**) in order to gather information from the user and is able to speak back (using **speechSynthesis**) to inform the user what they can do to improve their **mental health**

**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
- ❖ Commented nearly **3000 lines of code** to provide clear instructions on what each line accomplishes so that anyone could further build off my game
- ❖ Achieved **100% as a final grade** for this grade 11 ICS3UI Computer Science assignment

**Personal Website**🔗                    **HTML, CSS, JavaScript | July 2023**

- ❖ Developed a **frontend website** to not only provide information on who I am but also to showcase all of my work, accomplishments and projects
- ❖ Used HTML, CSS and JavaScript to fully develop the website with a unique **user interface** and **clean animations**

## Education

**Huron Heights Secondary School**                    **High School | 2020-2024**

- ❖ Upcoming Grade 12 Student