

**Jiayu Hu**  
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jennyho5.github.io/personal-site

## EDUCATION

<b>Bachelor of Computer Science</b> Carleton University, Ottawa, ON, Canada <ul style="list-style-type: none"><li>Fourth-Year Standing, CGPA: 11.62/12.0 (96.83%)</li><li>Expected Graduation Date: May 2024</li></ul>	<b>Sep 2022-Present</b>
<b>Bachelor of Management in Accounting</b> Zhongnan University of Economics and Law, Wuhan, China <ul style="list-style-type: none"><li>Final GPA: 3.8/4.0 (89.84%)</li></ul>	<b>Sep 2018-Jun 2022</b>

## AWARDS AND SCHOLARSHIPS

- 2022-2023 Carleton University Clarence C. Gibson Scholarship, \$1000
- 2023 Hack the Hill Game Jam Challenge, Second-Place
- 2023 SheHacks+7 Hackathon, Fifth-Place
- 2022 Discover Technata Hacks Hackathon, First-Place

## SKILLS

### Technical Skills

- Programming languages: Python, Java, C, C#, HTML, CSS, JavaScript
- Programming tools: Unity, Node.js, React.js, Flask, SQL, MongoDB, GitHub, Jira, Confluence

## APPLIED PROJECTS

<b>Project Lead   Untitled 2D RPG Mystery Game Project</b> <ul style="list-style-type: none"><li>Utilized Unity to integrate all project elements, including scenes, animations, audio, and visual assets</li><li>Created pixel art using Aseprite to visually enhance the game's characters, environments, and interactive objects</li><li>Wrote clean and efficient C# code to implement game logic and functionality</li><li>Designed captivating gameplay mechanics and puzzles for the game</li></ul>	<b>May 2023-Present</b>
<b>Game Artist   Hack the Hill 2023 Game Jam Challenge, University of Ottawa</b> <ul style="list-style-type: none"><li>Created all visual art assets, including character designs and backgrounds, for a visual novel game Natural Call</li><li>Utilized digital art software Clip Studio Paints to bring the vision of the game to life</li></ul>	<b>Mar 2023</b>
<b>Team Programmer   SheHacks+7 2023 Hackathon, Western University</b> <ul style="list-style-type: none"><li>Built a web application using the NLG toolkit co:here API with two teammates, aiming to generate cover letters based on the job description and resume within seconds</li><li>Used front-end technologies like HTML, CSS, JavaScript and back-end technologies like Python and Flask</li></ul>	<b>Jan 2023</b>
<b>Game Developer   Galaxy Shooter 2D Game Project</b> <ul style="list-style-type: none"><li>Built a galaxy shooter 2D game with full functionalities, UI, effects and audio using Unity and C#</li></ul>	<b>Dec 2022-Jan 2023</b>
<b>Team Member   Discover Technata Hacks, Ottawa, ON</b> <ul style="list-style-type: none"><li>Participated in the hackathon with three other team members, aiming at using 5G and IoT in renewable energy</li><li>Built functional prototypes for an app to monitor and control the home solar system kit on mobile devices</li><li>Conducted a presentation on the application of 5G technology in renewable energy</li></ul>	<b>Sep-Oct 2022</b>

## WORK EXPERIENCE

<b>Software Engineer Intern   TD Bank, Toronto, ON</b> <ul style="list-style-type: none"><li>Developed business dashboards for the VP using the Rest API of Jira and Confluence, enabling efficient data visualization and decision-making</li><li>Assisted the team in training and implementing Agile methodologies, fostering an efficient work environment</li></ul>	<b>May-Aug 2023</b>
<b>Audit Intern   Ernst &amp; Young, Shanghai, China</b> <ul style="list-style-type: none"><li>Supported two audit teams to complete audit reports and financial statements by the end of the accounting year</li><li>Analyzed balance sheets for two companies using Excel to determine their financial health</li></ul>	<b>Jan-Feb 2021</b>