

# Gordon Tang

Bachelor of Computer Science (COOP)  
Double Minor in Economics and Statistics



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Second year computer science student looking for an internship to develop my skills as a software engineer. Available for 4 months or 8 months starting May 2020.

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## Education

**Carleton University, Ottawa, ON**

September 2019 – Expected 04/2023

**B.Sc. Computer Science – COOP – Double Minor in Economics and Statistics**

- Entrance Scholarship for students with average of 90% or higher
- Inducted to Golden Key Honour Society for being a top 15% student in the faculty
- 11.8 / 12.0 (A+)

## Skills

- I have worked on numerous side projects where I worked in a team or alone to create apps in hackathons, own self enjoyment and research. I am comfortable in HTML, CSS, JS, Python, Java and have working knowledge of C and React.

## Projects

**Ant Simulator** – Research project

September 2020 – Present

- Working with a professor Alan Tsang of Carleton University School of Computer Science to analyse the behaviour of the Ant Colony Optimisation (ACO) algorithm
- Made a prototype app using P5.js. Moving forward, I need to design an experiment, gather data then analyse the data for a final report.
- Developed skills in critical thinking and writing through the research process

**Game web app** – School project

September 2020 – Present

- Built a full stack Connect 4 app using Pug, CSS, JavaScript, Express, Mongo
- Applied REST API design, thus improving robustness and modularity of program
- Demonstrated debugging skills by fixing problems by googling
- Implemented cookies to track user data and authorise user throughout the app.

**Financial dashboard** – Side project

Jul 2020

- Built interactive graphs using Plotly and Flask libraries in Python
- Cleaned and processed data from Bank of Canada's API with Pandas library

**ISED Data Challenge** – CANDEV hackathon project

January 2020

- Analysed media sentiment with 3 team members and displayed our findings in a PowerBI dashboard. I created 2 new features by feature engineering in Python.

## Work Experience

**Teaching Assistant** – Carleton University, Ottawa

September 2020 – Present

- Evaluated hundreds of assignments and provided constructive criticism. Hosted 8 lecture workshops virtually on discord. Clarified questions during weekly office hours.

## Volunteer Experience

**Carleton Artificial Intelligence Society – VP Community**

July 2020 – Present

- Managed a discord server with over 300 members. Updated announcements and learning resources frequently. Began writing our ever first newsletter.

**MLH CuHacking 2021 – organiser**

April 2020 – Present

- Helped transition our annual hackathon experience to an online format. Currently focused on marketing through social media channels for our event in January!