**Nicholaus Suprapto**

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Description automatically generated](https://github.com/ininicho)[Icon

Description automatically generated](https://www.linkedin.com/in/nicholaus-suprapto-73abb8190/)Waterloo, Ontario | nsuprapt@uwaterloo.ca | (437) 986 7810 | |

**Summary of**  - Languages: C, C++, Java, Python, SQL, Javascript, HTML5, CSS3

**Qualifications** - Technologies: Jira, Salesforce, Git, PostgreSQL, MySQL, MongoDB, Flask, Heroku, Netlify

- Oracle Certified Associate Java Programmer

- Self-motivated team player with cooperative skills established through collaborative projects

- Proven communication skills by various involvement in leadership and formal positions

- Fast learner with competent time management skills to deliver constant quality results

**Education University of Waterloo** *2020 - 2025*

- Candidate for Bachelor of Computer Science, Honours Computer Science Co-op

**Experience Paramount Commerce** Remote Work

**Merchant Integration Analyst Intern** *Sept 2021 - Dec 2021*

- Utilized SQL queries to gather transaction data and extract information for merchant integrations

- Certified merchant integrations in the staging environment to meet compliance requirements

- Documented request parameter constraints and errors for all internal products to speed up the merchant integration process

- Researched and recommended mobile emulator tools to simplify the current automated and live testing practices

- Assisted the company-wide Salesforce migration by migrating all Merchant Integration Jira tickets and created new Reports and Dashboards in Salesforce

**University of Waterloo Mathematics Tutoring Center** Waterloo, ON

**Undergraduate Tutor** *Jan 2022 - Present*

- Provided extended learning to students enrolled in M135/136: Linear Algebra and M137/138: Calculus to help them improve academic performance and gain better knowledge for the course

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Description automatically generated](https://gitfront.io/r/ininicho/7d297ade9beb8e6f7355bade7d31ac436faee7a2/biquadris/)

**Projects Biquadris** *September 2021*

- Collaborated in creating Biquadris, a command line version of Tetris, using **C++**.

- Implemented the MVC architecture pattern where players enter their command on the terminal and displays the board in a graphical interface using the X11 library

- Implemented the Observer design pattern for cells and the Decorator design pattern for the board

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Description automatically generated](https://github.com/kevinmu4587/Maze-Maker)**Maze Solver** *August 2021*

- Collaborated in creating a maze solver web application where users can create a maze in the web interface created using **Pixi.js** which will be solved by our algorithm using Breadth-First Search

- Implemented the backend of the website using **Express.js** and designed the database to store maze data using **MySQL**

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Description automatically generated](https://github.com/ininicho/TO-Hacks-2021) **TraceNext** TOHacks, *May 2021*

- Built a contact-tracing web application using **Flask** web framework that allows users to add previously visited locations and alert specific users if there has been contact with Covid patients

- Implemented dynamic HTML pages using **Jinja2** and used **Google Maps API** to add maps feature

- Utilized **Heroku Postgres** Database to store web data and used **SQLAlchemy** ORM to retrieve data

**Achievements** - Oracle Certified Associate, Java SE 8 Programmer *2021*

- Harvard University CS50x Completion *2020*

**Personal** - Hackathons: GarudaHacks 2020, TOHacks 2021

**Interests** - Writing / Personal Blog