



# Nicholaus Suprpto

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|----------------------------------|--|-------------------------------------|
| <b>Summary of Qualifications</b> | <ul style="list-style-type: none"><li>- Languages: Python, C/C++, Java, Javascript, SQL, R, HTML5, CSS3</li><li>- Technologies: Flask, Django, Express, PostgreSQL, MySQL, MongoDB, Git, Heroku, Netlify, Jira</li><li>- Self-motivated team player with cooperative skills established through collaborative projects</li><li>- Proven communication skills by various involvement in leadership and formal positions</li><li>- Fast learner with competent time management skills to deliver constant quality results</li></ul>  |                                     |
| <b>Education</b>                 | <b>University of Waterloo</b> <ul style="list-style-type: none"><li>- Candidate for Bachelor of Computer Science, Honours Computer Science Co-op</li></ul>   | 2020 - 2025                         |
| <b>Experience</b>                | <b>Paramount Commerce</b><br><b>Merchant Integration Analyst Intern</b> <ul style="list-style-type: none"><li>- Utilized SQL queries to gather transaction data and extract information for merchant integrations</li><li>- Certified merchant integrations in the staging environment to meet compliance requirements</li><li>- Documented request parameter constraints and errors for all internal products to speed up the merchant integration process</li><li>- Assisted the company-wide Salesforce migration by migrating all Merchant Integration Jira tickets and created new Reports and Dashboards in Salesforce</li><li>- Researched and recommended mobile emulator tools to simplify the current automated and live testing practices</li></ul> | Remote Work<br>Sept 2021 - Dec 2021 |
|                                  | <b>UW Indonesian Student Association</b><br><b>Club Treasurer</b> <ul style="list-style-type: none"><li>- Worked closely with President and Event Coordinator to organize club events during Winter 2022</li><li>- Created Club Balance Sheet to keep track of club transactions of various club events and made sure all officers are updated with the club's finances</li><li>- Helped Public Relations promote club events and increase social media engagement rate by 80%</li></ul>   | Waterloo, ON<br>Jan 2022 – Present  |
|                                  | <b>University of Waterloo Mathematics Tutoring Center</b><br><b>Undergraduate Tutor</b> <ul style="list-style-type: none"><li>- 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</li></ul>  | Waterloo, ON<br>Jan 2022 - Present  |
| <b>Projects</b>                  | <b>Maze Solver</b>  <ul style="list-style-type: none"><li>- Collaborated in creating a maze solver web application where users can create a maze in the web interface created using <b>Pixi.js</b> which will be solved by our algorithm using Breadth-First Search</li><li>- Implemented the backend of the website using <b>Express.js</b> and designed the database to store maze data using <b>MySQL</b></li></ul>  | CSC Project Program 2021            |
|                                  | <b>TraceNext</b>  <ul style="list-style-type: none"><li>- Built a contact-tracing web application using <b>Flask</b> web framework that allows users to add previously visited locations and alert specific users if there has been contact with Covid patients</li><li>- Implemented dynamic HTML pages using <b>Jinja2</b> and used <b>Google Maps API</b> to add maps feature</li><li>- Utilized <b>Heroku Postgres</b> Database to store web data and used <b>SQLAlchemy</b> ORM to retrieve data</li></ul>   | TOHacks 2021                        |
| <b>Achievements</b>              | <ul style="list-style-type: none"><li>- Oracle Certified Associate, Java SE 8 Programmer</li><li>- Harvard University CS50x Completion</li></ul>   | 2021<br>2020                        |
| <b>Personal Interests</b>        | <ul style="list-style-type: none"><li>- Hackathons: GarudaHacks 2020, TOHacks 2021</li><li>- Writing / Personal Blog</li></ul>   |                                     |