

# Dylan Chipun

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## EDUCATION

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Queen's University, Kingston, ON

Pending April 2025

Honours Bachelor of Computing, 5<sup>th</sup> Year, Specialization in Software Design

Relevant Courses: Quality Assurance, Data Structures, Algorithms, Software Architecture

## SKILLS

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**Programming Languages:** Python, Java, Typescript, JavaScript, C, HTML, CSS, Bash, SQL, Haskell

**Frameworks:** Flask, SQL Alchemy, AngularJS, ReactJS, Node.js, Git

**Tools & Technologies:** MySQL, JIRA, MATLAB, Power BI, Adobe Suites, Microsoft Office

**Other:** Problem Solving, Critical Thinking, Communication Skills, Adaptable & Flexible, Collaborative

## PROFESSIONAL EXPERIENCE

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Software Developer Intern, Royal Bank of Canada–Capital Markets, Toronto, ON

May 2023–May 2024

- Utilized **ReactJS**, **JavaScript**, and **HTML/CSS** to make **UI/UX design** modernization changes and additions to numerous web applications that deal with investments and loans under the Global Credit Sector
  - Implemented and improved the GUI of Risk Management applications used throughout systems involving Global Credit
  - Designed and developed the GUI of Pipeline Management which assisted with processing and producing documentation necessary for the exchange of loans
  - Created client accessible web pages by reproducing **Figma** designs
- Followed a strict **Scrum** development practice with numerous teams
- Conducted detailed **QA Testing** and documentation for web applications dealing with loans development
- Leveraged **JIRA REST API** to create JIRA tickets into specified projects daily

Application Services Intern, City of Richmond Hill, Richmond Hill, ON

May 2022–Aug 2022

- Analyzed data and created reports using **Power BI**, providing detailed insight into success ratios and usage of various city systems
- Followed a strict **Agile** development practice with weekly standups
- Conducted **QA testing** and **troubleshooting** on website applications that display city management systems and adjusted accordingly utilizing **JavaScript** and **HTML/CSS**
- Using **AngularJS** and **Node.JS**, Assisted in developing and debugging permissions within the **Enterprise Asset Management System** (EAM) to compare statistics within the enterprise management

Programming & Graphics Development Co-op, Logic's Academy, Markham, ON

Sept 2018–Feb 2019

- Understand the architecture to analyze and debug code within robot products.
- Developed creative graphic designs using **Adobe Photoshop** and **Adobe Illustrator**

## PROJECTS

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Vacation Rental Marketplace, University Program Project

- Developed a web app simulating Airbnb for users to test rental purchases with databases and user-specific access.
- Collaborated with a small team using a **Scrum** development process
- Utilized **Python**, **Flask**, **HTML/CSS** to produce a fully functional website including a database using **SQL Alchemy**

Superhero Personality Quiz, Personal Project

- Utilized **React JS**, **JavaScript**, and **Adobe Photoshop** to create a creative personality quiz
- Deployed the app through **GitHub Pages**, allowing for access anywhere

Auto Purchase Bot, Personal Project

- Developed a bot to automate the purchasing process of a product from a desired shopping website
- Utilized **Python** and **Selenium** to automate the process