

# Vincent Phung

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## SKILLS

Languages: JavaScript, HTML5, CSS3, Java, Python, C, TypeScript

Frameworks and Libraries: React, Express.js, Bootstrap 4

Databases: MongoDB, Oracle

Technologies and Tools: Node.js, Git, Bash, VS Code, Sass, Postman, EJS

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## EDUCATION

Ryerson University, Toronto

B.E. in Computer Engineering, Software Option

*September 2018 – Present*

Relevant Courses

Object Oriented Analysis and Design, Algorithms and Data Structures, Discrete Mathematics, and Database Systems

Dean's List (2019-2020)

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## PROJECTS

Pokédex. **(Node.js, Express.js, MongoDB, EJS, JS/HTML5/CSS3)** | <https://github.com/VincentP05/MyPoked3x>

- Developed a web application that allows the user to look up Pokémon information
- Incorporated Node.js and Express.js to handle HTTP requests, routing endpoints, and data processing
- Implemented MongoDB Atlas database to store Pokémon information from PokéAPI on cloud storage
- Utilized the Web Speech API for speech recognition and speech synthesis

MiWeather. **(JS/HTML5/CSS3, Bootstrap 4)** | <https://github.com/VincentP05/MiWeather>

- Developed a web application that displays a 5-day weather forecast
- Used the fetch API to request data from the OpenWeatherMap API and the Google Geocoding API

Banking System. **(Java)**

- Created a banking system with a GUI using JavaFX
- Implement OOP concepts such as polymorphism, architected through UML Class Diagrams
- Incorporated the State Design Pattern to give structure to the application
- Utilized Java's built in file library to store user data, by reading and writing into local text files

Car Rental Service. **(Java, Oracle)**

- Created a car rental service with a GUI using JavaFX, and a database using Oracle
- Implemented normalization within the database, which contained 8 tables

GitHub Portfolio Finder. **(JS/HTML5/CSS3, Bootstrap 4)** | <https://github.com/VincentP05/GitHubFinder>

- Developed a web application that allows users to search through GitHub users and view their recent public repositories
  - Used the Document Object Model to dynamically update the page as user inputs text,
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## EXTRACURRICULARS

Ryerson Rams Robotics (R3)

*December 2020 – Present*

- Full-stack Developer on the Rover's control team (UI/Web Design sub team)
  - Developed features to enhance the viewability of a live map of the Rover's location using **TypeScript, Sass, and React**
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