

# Ferruccio Sisti

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## Education

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### University of Windsor

B.Sc [H] - COMPUTER SCIENCE WITH SOFTWARE ENGINEERING (MINOR IN MATHEMATICS)

Windsor, ON

September 2017 - April 2021

## Experience

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### General Motors

NEW GRAD SOFTWARE DEVELOPER

Austin, TX

June 2021 - Present

- Conducted server patching and maintenance utilizing **VMware virtualization** for the **Enterprise Technology Services** Windows team

### University of Windsor

UNDERGRADUATE TEACHING ASSISTANT

Windsor, ON

September 2019 - April 2021

- Instructed and graded labs for our **Software Development**, **Object-Oriented Programming with Java**, **Intro to Algorithms and Programming**, **Competitive Programming**, and **Object-Oriented Programming with C++** courses
- Provided tutoring hours and assisted students with; creating GUI's using **Swing in Java** and **GDK/Cairo in C**, object-oriented concepts such as **abstraction, encapsulation, inheritance and polymorphism**, and introductory concepts such as loops and conditional statements
- Conducted research translating lecture code demo's originally completed using **Swing in Java** to now use **GDK/Cairo in C**

## Leadership Experience

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### Computer Science Society

PRESIDENT

Windsor, ON

April 2019 - April 2021

- **Elected** lead representative for the students in the Computer Science Society **representing over 500 undergraduate students**
- Organize frequent meetings to **delegate other elected members** to make sure social events as well as technical workshops are provided for student members often and are free of charge
- Develop workshops and presentations to help students further understand **algorithms, data structures** and popular **software** used in the industry

### Computer Science Society

VP OF EXTERNAL AFFAIRS

Windsor, ON

April 2018 - April 2019

- **Elected** representative acting as an organizer for the students in the Computer Science Society regarding extra curricular social events and activities, **representing over 500 undergraduate students**
- Developed and organized workshops of an academic nature to enhance the **quality of education** offered to all students at the University of Windsor

## Projects

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### DOTA 2 Draft Planner

- A web application made using **Ruby on Rails** used to get recent game statistics on players and their team in order to aid your drafting in-game
- Uses **Nokogiri** and **HTTParty** to scrape relevant data from the user provided team and player profiles
- Data is stored using **PostgreSQL**. Previous scouting sessions are stored and able to be viewed on the website
- **Over 60** unique users

### 2020 Shopify Challenge

- A web-based **image repository** made using **Ruby on Rails** allowing user accounts to create reddit style posts with **image support**
- Uses **ActiveStorage** and **Devise** to **create/manage user accounts** (with admin availability), **create/manage image postings** (with privacy features), and allow users to sort how they view posts

## Skills and Competitions

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**Languages** Python, Java, C, Ruby, HTML

**Tech's** git, nose, JUnit, Unity, SQL, Rails

**Competitions** WinHacks 2020, CS Games 2019, CS Games 2018