

# Tristan Davis

438-998-4439 | Vancouver, BC | tdavis53@my.bcit.ca | linkedin.com/in/tristandavis001 | github.com/TristanVII

## TECHNICAL SKILLS

---

**Back-end:** Python, NodeJS, SQL, R

**Front-end:** JavaScript, HTML, CSS

**Technologies:** Linux, Git, Flask, Express, Figma, Digital Ocean

## PROJECTS

---

### **Employee Management Tool** | *Python, Flask, JavaScript, Git*

- Collaborated in a five-week project aimed to develop and test a web application using the Agile Methodologies in a team of five
- Developed a full-stack web application serving saved employee data from JSON to a web page using Flask
- Worked in an agile setting, with weekly stand-ups, tracked user stories and problems in the project, and sprint planning
- Unit test coverage of over 80% (Pytest)

### **Reminder App** | *NodeJS, EJS, PassportJS, Express*

- Designed a responsive web application to add, remove, update, and delete user reminders
- Used PassportJS to implement user authentication and manage sessions
- Leveraged ExpressJS framework to build RESTful APIs to serve dynamic web pages and handle requests

### **League of Legends Shooter game** | *Python, Pygame, Flask*

- Built a League of Legends inspired game with login, main, and game over screens
- Coded an algorithm leveraging the Vector2 Pygame library, for the AI's movement to track the player
- Implemented the Flask framework to handle GET and POST requests to create an account and to display scores to a web page
- Utilized object-oriented programming to design and implement my program to better organize and structure my code

### **Discord OpenAI bot** | *Python*

- Developed a discord bot for my classes discord server of at least 10 people
- Wrote code that utilized the OpenAI API to query messages received from the Discord bot to the AI and parse through the JSON data to output the answer
- Hosted the program on a Digital Ocean to improve performance and scalability

## EDUCATION

---

### **British Columbia Institute of Technology**

Vancouver, BC

*Computer Information Technology: GPA: 87%*

*Jan 2022 – est. grad. June 2024*

- **Relevant Courses:** Object Orientation Programming in Python, Database Systems, Developing Web Application, Agile Development Project, Statistics, UI/UX, Applied Algorithms, Database Administration and Management, Cloud Computing

## Work EXPERIENCE

---

### **Carderos Restaurant**

Vancouver, BC

*Barback/Busser*

*Oct 2020 – Jan 2023*

- Ensured positive customer experience in a high-volume restaurant by handling customer demands in a professional manner
- Used attention to detail to manage the bar inventory and deliveries, perform liquor counts and stocking
- Demonstrated strong attention to detail and memory retention by quickly memorizing and accurately recalling over 50 product codes
- Applied problem-solving and communication skills to effectively train new hires, resulting in improved efficiency and productivity