

# BHAVIK PANCHAL

Software Engineer

Ajax, Ontario, Canada 🏠

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## PROFILE

Hard working, newly graduated Software Engineer with fundamental knowledge of software design, development, and testing. Seeking to utilize personal and educational background with great analytical, technical, and programming skills to thrive as a software engineer.



## EDUCATION

### Bachelor of Software Engineering (Honours) | Ontario Tech University

2016 – 2022

- Achieved Dean's list in final 6 semesters
- Completed Capstone project in Graduating Year

**Relevant Coursework:** Java Programming, C++, Data Structures, Object-Oriented Programming, Database Management Solutions, Information Security, Web Programming, Assembly Language Programming, Computer Architecture, Software Engineering Process Management, Software Quality Testing



## RELEVANT EXPERIENCE

### Assistant Manager (Part Time) | Western Motel

2021 - CURRENT

Assist with managing all of the aspects of the motel, including checking-in and assisting guests, as well as providing solutions for any administrating problems and supervising staff.

### Volunteer | Ontario Tech University Open House (fall/winter/summer)

2017 – 2022

Led tours and assisted with hosting lab seminars through the buildings of Ontario Tech University (and online), displaying all the school has to offer to the potentially new students and their parents.



## SKILLS

- Web Application Design and Development (HTML/CSS)
- Python
- Java
- JavaScript
- Microsoft Office, Visual Studio & Android studio
- Agile/Scrum/Waterfall
- Detail oriented



## PROJECTS

### Object Detection and Environment Mapping with Intel RealSense Lidar L515 - Capstone Project

- Worked in a team to design and develop an object detection and 3D environment mapping system to work with a Lidar. This project was completed using Python, Open3D, RTABMAP.

### Music Playing Application for Android Phones

- Created a Music player using Android Studio, which retrieves all of a user's mp3 files and allows them to play, pause, skip, go back and more. Users must create an account to use the application.

### Analysis of Most Popular Programming Languages

- Used a dataset containing popularity of programming languages throughout the years to generate a calculated estimation on the popularity of programming languages in the future. This was done using python, and the estimations were made using an ARIMA model.