

# Punit Daga

+1 (613) 371 05 31 | [pewnit@gmail.com](mailto:pewnit@gmail.com) | [github.com/pewnit](https://github.com/pewnit) | [linkedin.com/in/punitdaga](https://www.linkedin.com/in/punitdaga)

## Personal Profile

I am a soon-to-be graduate student with a passion for technology and a drive to constantly learn and improve. I have experience in various programming languages and a strong background in data analysis. I am excited to bring my skills and passion to a challenging and dynamic work environment.

## Education

### University of Ottawa

Ottawa, Canada

BASc in Computer Engineering

Sept 2018 - May 2024

- Proficient in C++, Python, and Java
- Exposure to JavaScript, Android Studio, VHDL, Assembly
- **Courses:** Introduction to Product Development and Management, Data Structures and Algorithms, Computer Systems Design, Data Communications and Networking, and Software Design and Architecture

## Work Experience

### Ottawa Department of Medicine

Ottawa, Canada

Software Engineer

July 2020 - April 2021

- Worked with a team of Microsoft Engineers to develop and implement the backend for Azure Devops.
- Developed a web application using React.js framework and Material UI for an internal tool within the Department of Medicine.
- Collaborated with cross-functional teams to identify and implement solutions to improve the user experience.
- **Technical Skills:** React.js, JavaScript, Azure Devops, Material UI, SQL.
- **Soft Skills:** Teamwork, Communication, Agile development.

### Smart Living Properties

Ottawa, Canada

Network Technician

July 2019 - May 2020

- Provided on-location home internet solutions and resolved Gozi spyware infections on multiple networks.
- Implemented enterprise level network solutions using Cisco Meraki switches.
- Assisted in the troubleshooting and maintenance of network infrastructure.
- **Technical Skills:** Network Security, Cisco Meraki, Network troubleshooting.
- **Soft Skills:** Customer service, Technical support.

### LoneHaven

Ottawa, Canada

Software Developer

January 2022 - December 2022

- Managed student programmers on small projects.
- Overlooked the creation of the company website.
- Contributed to the development and implementation of software solutions for clients.
- **Technical Skills:** Software Development, Project Management.
- **Soft Skills:** Leadership, Teamwork.

### Tim Hortons

Ottawa, Canada

Baker

April 2022 - February 2023

- Responsible for preparing a variety of baked goods and breakfast items in a fast-paced environment.
- Demonstrated proficiency in time management, food safety, and equipment operation.
- Collaborated with team members and contributed to maintaining inventory, ensuring product quality and presentation, and assisting with opening and closing duties.
- **Technical Skills:** Baking, Food Safety.
- **Soft Skills:** Teamwork, Time management.

## Projects

### Emergency Call Bell System

Ottawa, Canada

University of Ottawa

Jan 2020 - Apr 2020

- Developed a Fitbit app that communicates with an Android companion app to contact emergency services in case a fall is detected.
- Worked on the fall detection and calling system on the phone.
- Experience with Fitbit API.
- Experience with Android app development.
- **Technical Skills:** Fitbit API, Android app development.

## ScrapYard - Automated Trash Sorting System

Ottawa, Canada

University of Ottawa

Sep 2022 - Apr 2023

- Developed an automated trash sorting system using an Arduino to control the system and a Raspberry Pi to run a neural network and camera for object detection.
- Created a website and database to track machine locations, update new detections, and display statistics for individual machines.
- **Technical Skills:** Arduino, Raspberry Pi, Neural Network, Object Detection, Website Development, PostgreSQL.

## Skills

---

**Programming** C++, Java, Python, JavaScript, React.js, C, HTML, CSS, Angular.js, Kotlin, Assembly, VHDL.

**Miscellaneous** Microsoft Office, Cisco Meraki switch, Azure DevOps, Arduino IDE, Android Studio, Fitbit API, Firebase API, MySQL, SQL.

**Soft Skills** Time management, Food Safety, Equipment operation, Inventory management, Product quality and presentation, Teamwork, Problem-solving.

## Interests

---

**Technology** Enthusiast in PC building, repairing devices, and staying up-to-date on the latest technology trends.

**Movie Making and Story Writing** Developed skills in film making and storytelling through self-study and online resources such as YouTube.

**Modern Urbanization** Interested in the design and development of walkable cities and sustainable public transportation systems.

## Languages

---

**English** Native proficiency

**Russian** Conversational proficiency

**Hindi** Native proficiency

**References available upon request.**