

# Ion Basha

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## EDUCATION

### McGill University

Graduation Date: May 2025

Montreal, Canada

- Bachelor of Science in Computer Science
- Related coursework: Intro to Computer Science and Object-oriented programming (OOP), Data Structures and Algorithms, Intro to Software Systems Programming (Unix), Programming Languages and Paradigms

## WORK EXPERIENCE

### Computer Programming Instructor

July 2023 - August 2023

*Under The GUI Academy*

- Taught elementary and high school students fundamentals of computer programming and OOP concepts through the PixelPAD engine using Python
- Followed a course curriculum and assisted students with developing their own simple applications
- Created a positive learning environment for campers of varying programming expertise

### Dishwasher/Kitchen Helper

May 2022 - August 2022

*Cafe il Nido*

- Performed cleaning duties such as washing plates and pans, vacuuming floors and disposing of waste
- Assisted with food preparation by chopping vegetables and storing food items in fridge for later use
- Communicated effectively with other chefs and servers to ensure highest quality service was delivered

## PROJECTS

### Fitness Logger

*React, JavaScript, Node.js, Express.js, MongoDB*

- Developed a fitness logger web application that allows users to make notes of their workouts
- Utilized React framework to create the frontend
- Implemented API layer using Express.js and Node.js and stored note data in MongoDB

### liveBus: Vancouver Transit App

*Kotlin, Android Studio, TransLink REST API, Google Maps Android SDK*

- Engineered Android bus tracking app written in Kotlin using the Android Studio
- Implemented a map to display buses using Google Maps SDK for Android
- Retrieved bus data using TransLink REST API
- Published on Google Play Store

### Personal Website

*HTML, CSS*

- Developed a static personal website which includes a brief biography, links to my social media accounts, and a personal portrait (image)

### jerseyscraper

*Python, BeautifulSoup, web scraping, MongoDB*

- Programmed a Python script that scrapes soccer jersey reselling sites using the BeautifulSoup library
- The names, prices and URLs of newly added jerseys are stored into a MongoDB database

## TECHNICAL SKILLS

**Languages:** Python, Java, C, Kotlin, HTML/CSS, Bash, OCaml, R, JavaScript

**Developer Tools and Technologies:** Git, Android Studio, VS Code, IntelliJ, BeautifulSoup, MongoDB, REST APIs, React, Node.js, Express.js, Postman