Ion Basha

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EDUCATION

McGill University August 2021 - April 2025
Montreal, Canada
- Bachelor of Science in Computer Science
- GPA: 3.24/4.00
- Related Coursework: Intro to Computer Science and OOP, Data Structures and Algorithms, Intro to Software Systems Programming (UNIX)

WORK EXPERIENCE

Computer Programming Instructor July 2023 - August 2023
Under The GUI Academy
- Taught elementary and high school students fundamentals of computer programming and object-oriented programming (OOP) 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 who possessed various levels of technical/programming knowledge

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

liveBus: Vancouver Transit App June 2023 - Present
Kotlin, Android Studio, TransLink REST API, Google Maps Android SDK, XMLPullParser, OkHttp
- Engineered an Android app written in Kotlin using the Android Studio integrated development environment, which displays live bus locations in the Greater Vancouver Area
- Implemented a map to display buses using Google Maps SDK for Android
- Retrieved bus data (i.e. longitude, latitude, direction, final destination) using TransLink REST API and OkHttp client: parsed data using XMLPullParser
- Used Git version control system to track changes and push updated code to GitHub
- Published on Google Play Store

Personal Website May 2023 - August 2023
HTML, CSS, GitHub Pages
- Developed a static personal website which includes a brief biography, links to my social media accounts, and a personal portrait (image)
- Currently being hosted on GitHub Pages

jerseyscraper August 2023
Python, Beautiful Soup, web scraping, MongoDB
- Developed a Python program that scrapes certain football/soccer jersey reselling websites using the Beautiful Soup library
- The names, prices and URLs of newly added jerseys are stored into a database using the MongoDB database program: a system notification is sent regarding new additions to the database

TECHNICAL SKILLS

Languages: Python, Java, C, Kotlin, HTML/CSS, Bash
Developer Tools and Libraries: Git, Android Studio, VS Code, IntelliJ, OkHttp, Beautiful Soup, MongoDB, REST APIs