

# Kian Bazarjani

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## EDUCATION

### University of Ottawa

BSc with Honours in Computer Science, Data Science Stream

Ottawa, ON

Sept. 2018 – Dec. 2022

## EXTRACURRICULAR

### Software Development Team Lead

UO Supermileage

Aug. 2021 – Present

Ottawa, ON

- Wrote accessory control board code for operating turn signals, speedometer, steering wheel display, etc.
- Designed and maintained team website using Hugo, Javascript, and HTML/CSS
- Maintained up-to-date documentation for codebase using Github
- Coordinated with team leads during weekly meetings to reach deadlines

### Hydroponics Design Engineer

University of Ottawa

Jan. 2019 – Aug. 2019

Ottawa, ON

- Designed a greenhouse shed for Aboriginal community in Quebec with a custom-made hydroponics system
- Worked with aboriginal community members to ensure the project met their needs & requirements
- Collaborated in small group to design structural and electronics system
- Hand-delivered and setup near community town hall in Summer 2019

## PROJECTS

### DeltaCore | PaperAPI, Java, Maven, Git

May 2020 – Present

- Plugin for Minecraft server owners, written in Java
- Implements asynchronous database loading and dynamic data caching
- Supports both flatfile and remote storage options, such as Json, H2, MongoDB, and SQL

### Simple Menus | Java, Commons Lang, TravisCI, Maven, Git

April 2021 – Present

- Lightweight API for creating menus in command line interfaces, written in Java
- Facilitates menu creation by defining header style, menu title, and menu options
- Full navigation support allows menu linking and backwards navigation

## EXPERIENCE

### Camp Counsellor

Ottawa Athletic Club

June 2018 – Sept 2019

Ottawa, ON

- Organized and led a variety of small and large group activities
- Communicated with parents about children's experiences and reported concerns to superiors
- Maintained accurate program records including incident reports, logbook documentation, and attendance

### Taekwondo Instructor

Saroughi Martial Arts

March 2013 – June 2018

Ottawa, ON

- ITF Black Belt 1st dan, awarded by Senior Master Sam Saroughi, 8th dan
- Provided instruction for large classes of all ages; 3 years teaching experience
- Supervision of official belt testings

## TECHNICAL SKILLS

**Languages:** Java, Python, Go, C/C++, SQL (Postgres), R, L<sup>A</sup>T<sub>E</sub>X, HTML/CSS

**Frameworks:** JUnit, Flutter

**Developer Tools:** IntelliJ IDEA, Maven, Git, TravisCI, Gradle, Android Studio, VS Code, R Studio

**Libraries:** AndroidX, Gson, Apache Commons

## RELEVANT COURSES

**Computer Science:** Java/Python/C/C++ courses · Data Structures & Algorithms · Databases I, II · Intro to M.L.

**Math:** Calculus I, II, III · Intro to Linear Algebra · ODE & Numerical Methods · Probability & Statistics

## OTHER INFORMATION

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**Languages:** English, French (DELF B2 Certified), Farsi

**Interests:** Grappling, Striking, Hockey, Weightlifting, Cooking, Coding