Kian Bazarjani

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EDUCATION

University of Ottawa   Ottawa, ON
BSc with Honours in Computer Science, Data Science Stream   *Sept. 2018 – Dec. 2022*

EXTRACURRICULAR

Software Development Team Lead   Aug. 2021 – Present
UO Supermileage   *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   Jan. 2019 – Aug. 2019
University of Ottawa   *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
- Utilizes custom in-game GUI to facilitate player management for administrators
- 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, menu options and their associated actions
- Full navigation support allows menu linking and backwards navigation
- Supports screen clearing, cursor relocation and colors using ANSI escape codes
- Uses TravisCI for automated testing and deployment

EXPERIENCE

Camp Counsellor   June 2018 – Sept 2019
Ottawa Athletic Club   *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   March 2013 – June 2018
Saroughi Martial Arts   *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, LaTeX, 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

Languages: English, French (DELF B2 Certified), Farsi
Interests: Grappling, Striking, Hockey, Weightlifting, Cooking, Coding