Kian Bazarjani

✈ kian@bazza.dev | ☎ 613-501-6097 | >_ bazza.dev | ○ BazzaDEV | in kianbazarjani

EDUCATION

University of Ottawa   Ottawa, ON
BSc with Honours in Computer Science, Data Science Stream   *Sept 2018 – Apr 2023*

EXPERIENCE

Software Developer Intern   Sept 2021 – Present
Department of National Defence   *Ottawa, ON*
- Participated in the successful delivery of multiple projects with a combined budget of $249 million
- Contributed to the large-scale improvement of intelligence & security capabilities on highly classified information networks
- Oversaw the maintenance of virtual development environments criticial to project delivery
- Produced documentation outlining installation, configuration, and use of project solutions, which led to overall client satisfaction and an increase in employee onboarding efficiency

Software Development Team Lead   Aug 2021 – Sept 2022
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
- Supports both flatfile and remote storage options, such as Json, H2, MongoDB, and SQL

Simple Menus | *Java, Commons Lang, TravisCI, Maven, Git*   Apr 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

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, Go, C/C++, SQL (Postgres), OCaml, R, LaTeX
Frameworks: JUnit, Flutter
Developer Tools: IntelliJ IDEA, Maven, Git, TravisCI, Gradle, Android Studio, VS Code, R Studio
Libraries: React, AndroidX, Gson, Apache Commons

RELEVANT COURSES

Computer Science: Java/Python/C/C++ · Data Structures & Algorithms · Databases I, II · Data Science · Cryptography
Math: Calculus I, II, III · Linear Algebra · Discrete Math · Real Analysis · Group Theory · Probability & Statistics · ODE & Numerical Methods · Statistical M.L.

OTHER INFORMATION

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