Raphael Gutierrez

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EDUCATION

University of Alberta   Sept. 2020 – Present
Bachelor of Science in Computing Science, Minor in Mathematics   *Edmonton, AB*
- **Relevant Coursework**: Algorithms and Data Structures, Database Systems and Management, Object-Oriented Programming, Basics of Machine Learning, Search and Planning in Artificial Intelligence, Formal Systems and Logic, Introduction to Software Engineering, Web Applications and Architecture

PROJECTS

Distributed | *Python, Django, React, TypeScript, Heroku*   Sept. 2023 - Dec. 2023
- Collaborated with a group of 5 to create a social networking app that facilitates post sharing across servers.
- Led front-end design and implementation, developing the visual and interactive aspects to deliver a user-friendly and aesthetically pleasing experience using TypeScript, React, and Material UI.
- Utilized Python with Django for backend development, showcasing proficiency in creating robust server-side functionality and seamless API integration.

ePortfolio – rmgutierrez.github.io | *Next.js, Tailwind CSS, Framer Motion*   Aug. 2023 - Present
- Develop a portfolio website using Next.js for efficient server-side rendering and routing, and utilized Tailwind CSS for streamlined UI development, resulting in a modern and consistent design.
- Implement engaging animations throughout the website using Framer Motion, enhancing user experience.
- Successfully deployed the website to a hosting platform using Github Actions and Github Pages.

Foodegy | *Java, Firebase, XML, JUnit, Robotium, Android Studio*   Sept. 2022 – Dec. 2022
- Collaborated with a team of 6 to develop a full stack Android application focusing on food planning.
- Spearheaded user interface design and implemented application code using XML and Android layouts.
- Coordinated in project planning through agile practices to outline the software's architecture and design.
- Assisted in constructing database structure in Firebase to enhance query performance.

Control | *Java, Firebase, XML, Android Studio*   Dec. 2021
- Collaborated with a team of 2 to develop a mood tracker Android application focusing on mental health.
- Acquired 2nd place out of 270 participants as part of the 2021 Calgary Youth Hackathon.
- Organized and planned the software's architecture and design through mock-ups and storyboards.
- Implemented profile creation and journal entry input in both back-end and front-end development.

EXPERIENCE

Food Service Worker   Oct. 2021 – Present
A&W Canada   *Edmonton, AB*
- Assist in training and mentoring 3 members, contributing to their development across a range of kitchen functions.
- Collaborate closely closely with an 8-member team to ensure seamless operations even in high-volume hours.
- Facilitate daily cash balancing and comprehensive store upkeep, spanning kitchen to customer-centric spaces.
- Manage financial transactions with precision, streamlining customer payments and enhancing satisfaction.

Kitchen Lead   Oct. 2019 – Aug. 2021
A&W Canada   *Lethbridge, AB*
- Trained and mentored 4 team members across various kitchen functions, fostering comprehensive skill growth.
- Coordinated and worked closely with a team of 15 to ensure smooth operations and a cohesive team environment.
- Upheld superior customer service and food preparation standards during high-volume, fast-paced periods.
- Collaborated with team members to ensure precise cash balancing and adherence to health and safety protocols.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, HTML, CSS, XML, C, C++
Frameworks and Libraries: Django, React, Next.js, Tailwind CSS, Framer Motion, JUnit, NumPy, Matplotlib
Developer Tools: Git, Android Studio, Firebase, Visual Studio Code, PyCharm, Heroku