



Justen Yergo

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I am seeking an entry-level software engineering position to apply my technical skills, collaborate with a dynamic team, and contribute to the development of cutting-edge software applications. With what I lack in technical "on the job" experience, I make up for with tenacity and a strong willingness to learn; my brain is a sponge. In my free time I like to explore new restaurants, go on hikes, go to jazz bars, and try to teach myself how to play the guitar.

Languages

Python, Java, JavaScript, C++, C, Swift, HTML, CSS

Frameworks

React.js, Node.js, Flask, Google Firebase, MongoDB, MySQL, JSON, WebAPI

Tools & Technologies

Figma, Git, Adobe Creative Cloud

Soft Skills

Design Thinking, Software Design, UI Design, Communication & Leadership Skills

Education

University of Colorado

Aug 2020 to May 2023

Bachelor's, Computer Science

Awards and Honors: Dean's List Fall and Spring 2020

Activities and Societies: ACM - Associate for Computing Machinery at University of Colorado Denver

Relevant Coursework: Interactive Media, Fundamentals of Computing, Object Oriented Programming, Data Structures & Program Design, Algorithms, Unix Systems Programming, Database System Concepts, Intro to Software Engineering, IoT: Sensing, Communication & Control, Advanced Programming in Java & Python

Projects

"[undrgrnd]" Small Event Mobile Application - JavaScript, React.js, Node.js, Google Firebase, Figma

- I acted as Lead Software Engineer and UX/UI designer, effectively leading a team of 2 people using Jira and Microsoft Teams.
- Engineered and executed the back-end infrastructure using Google Firebase.
- Led the front-end development using React Native, employing JavaScript and CSS to create a dynamic and visually appealing user interface.

Image to ASCII Converting Discord Bot - Python, PIL.Image, Discord

- Engineered a Python Discord bot using PIL.Image to transform images into ASCII art.
- Integrated seamless Discord API interactions for a user-friendly experience.
- Employed efficient error handling mechanisms, ensuring the robustness of the bot and providing clear feedback to users during the image-to-ASCII conversion process.

"MedAlarm" Medication Alarm Application - Figma

- As a dedicated member of a collaborative team of four, I played a pivotal role in the conceptualization, design, and development.
- Collaborated with stakeholders to gather requirements, conducted in-depth research on software design and architecture best practices, and successfully implemented an Agile methodology.
- Spearheaded comprehensive project documentation by creating detailed UML diagrams, crafting user stories, and designing the UX/UI using Figma.

Magic 8 Ball - Python, Flask

- Developed using Python and Flask, providing users with a dynamic and interactive experience.
- Utilized randomization techniques to generate diverse responses, ensuring unpredictability and an authentic Magic 8 Ball experience.
- Integrated Flask to create a web interface, allowing users to interact with the Magic 8 Ball through a user-friendly and responsive platform