Jessica Goldrin

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Fourth-year computer science student with a robust understanding of fundamental CS principles. Eager to apply knowledge and skills across diverse domains, including cloud computing, artificial intelligence, machine learning, and full-stack development.

SKILLS

Programming: C++, C, Python, R, Kotlin
Technologies: AWS, Git, Linux, Figma, JavaFX, Pandas, Figma, Android Studio

EDUCATION

University of Waterloo   Sep 2020 - Present
Computer Science, Bachelor of Computer Science - BCS.
Relevant courses: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems
Certifications: AWS Certified Cloud Practitioner (CLF-C01)

EXPERIENCE

1Password   Sep 2022 - Dec 2022
Application Developer Intern
- Implemented highly requested drag and drop functionality for list items
- Redesigned UI according to Figma specification by adding and removing UI elements, and altering layouts to increase visual appeal and improve user experience
- Transformed UI to facilitate smoother navigation between dialogs and to correct popup flow
- Authored code which constructed and displayed lists modelled on back-end data
- Investigated and resolved data loss

Rogers Communications   Jan 2022 - Apr 2022
Android Developer Intern
- Improved functionality and cosmetic appearance of mobile radio and news apps
- Located and removed faulty files to make weather icons across apps consistent
- Resolved crash that occurred when user tried to share video with contacts
- Investigated why feed did not load on first opening of some apps
- Worked in an Agile environment

PROJECTS

Digital Portfolio | AWS
- Deployed and hosted highly-available WordPress digital portfolio using EC2, RDS, Route 53, ASG and VPC

Unicorn Ubers | AWS
- Deployed and hosted dynamic and serverless web application which enabled users to request unicorn uber rides
- Hosted static resources (HTML, CSS, Javascript, images) with built-in continuous deployment using Amplify Console
- Deployed pages that allowed customers to sign up as a new user, confirm their email address, and log in using Cognito
- Developed a backend process which handled unicorn dispatching using Lambda, and DynamoDB
- Built and deployed a publicly-accessible RESTful API using API Gateway and Lambda
- Implemented a map interface using ArcGIS

Chess | C++
- Designed and implemented human vs. computer chess with three levels of computer player difficulty
- Designed game to take input via command line, and to output gameboard in terminal
- Applied MVC Design Pattern

A Million Movies | Pandas for Python
- Manipulated data from datasets containing 400k to 1M data points displayed in multi-row, multi-column tables