Diya Parmar

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Education

Bachelor of Computing, Software Engineering (Co-op)

UNIVERSITY OF GUELPH   *2021 - Present*

- Pursuing a minor in Project Management
- **Relevant Courses:** Data Structures, Software Systems Development and Integration, Operating Systems, Software Design, Discrete Math, Project Management, Web Design, Statistics

KEY ACADEMIC PROJECTS:

- **Molecule Viewer (2023)**– Developed a full stack application that allows uploading of SDF files and displays the 3D rotational image of the molecule. Used C, Python, SQLite, JavaScript, HTML and CSS to develop this application. *View Project Here*
- **Covid-19 Data Analysis Project (2022**) – Developed a python program using data based on Covid-19 cases in different areas. Created scatter plots using matplotlib and seaborn and developed trends depicting conclusions in positive cases across the nation *View Project Here*

Skills

- **Languages/Frameworks:** JavaScript, TypeScript, React, Next.js, GraphQL Kotlin, Java, Python, C, SQL
- **Tools:** Postman, pgAdmin, Git, MongoDB, Figma
- **Project/Product Management:** Jira, Confluence, Miro, Slack

Work Experience

Software Developer Intern   *Toronto, Ontario*

SHYFTLABS   *May 2023 - Dec 2023*

- Contributed to the development of a complex retail media network product encompassing ad server, ad platform components.
- Developed and implemented frontend components for the Ad Platform dashboard using Next.js and TypeScript, ensuring an intuitive user interface and optimal user experience. Integrated these components with GraphQL to facilitate seamless communication with the backend.
- Designed and implemented a Snowplow tracker on the backend to track crucial backend events for the Ad Platform API. This integration significantly improved the platform's ability to monitor and analyze user interactions and system events
- Actively participated in code reviews, identified opportunities for optimization, and conducted debugging sessions to maintain code quality and meet project deadlines. My contributions played a pivotal role in enhancing the product's performance and usability.

Math/Programming Tutor   *Toronto, Ontario*

SELF EMPLOYED   *May 2023*

- Collaborated with students to work on beginner Java, C, and Python lessons, mainly focusing on object-oriented programming concepts
- Increased engagement by creating online learning tools and utilizing online meeting platforms to increase group work and collaboration

Personal Projects

Online Banking System   *View Project Here*

JAVA PROJECT

- Developed an online banking system using object-orientated programming in Java using Eclipse IDE.
- Used Creational Design Patterns such as factory method and prototype to develop a user-friendly GUI for the user to access their mock account, creating a simulated banking system that can be used as practice before a real-life transaction
- Allowed individuals to use the system in a school fair which increased engagement and involvement with the developed project

Personal Portfolio   *View Project Here*

REACT, HTML, CSS

- Developed and designed a responsive personal portfolio website using HTML, CSS and JavaScript
- Incorporated a section linked to a google sheets form where entered information by the user is stored within their respective categories.

Extra-Curricular Experiences

Computer Club

EXECUTIVE MEMBER   *2021*

- Gave beginner Java and C programming lessons to students and engaged them in hands-on activities
- Hosted Hackathons and programming competitions amongst club members to increase interest and involvement