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| Malcolm McDonald |

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# Education

SEP 2024 - PRESENT

**Bachelor of Science | University of Oregon | Eugene, OR**

# Skills & Abilities

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| * Proficient in API calling and gaining experience in developing APIs. * Intermediate at self-hosting servers * Proficient in JavaScript, HTML, CSS, and Python | * Intermediate with Express.Js * Intermediate with Postman * Beginner with Smart Contracts, Web3, and Blockchain |

# Experience

JAN 2024 – PRESSENT – as time permitted

**QuoteFinder | Developer**

Personal Project

* **Developed** a web application that extracts relevant quotes from PDFs based on user prompts, utilizing the OpenAI API for large language models.
* **Continually implementing** a full-stack solution with a custom-built frontend and backend, to create a responsive user experience
* **Deployed** the application on Hetzner Cloud using Coolify to learn how to self-host.
* **Designed and managed** a PostgreSQL database to store and retrieve PDF data, assuring scalability and reliability.

**Technologies Used**: JavaScript, Node.js, Express.js, PostgreSQL, OpenAI API, Hetzner Cloud, Coolify, Git

MAY 2022– JUN 2022

**Mars-Game| Developer**

Class Project

# Activities and Interests

Theater, environmental conservation, art, hiking, skiing, travel