Wafa **Qazi**

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Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Android Studio
Technologies/Frameworks: Linux, Git, GitHub, NodeJS, MongoDB, Express, Django

Projects

Network
Javascript, Python, HTML/CSS, Django

- Designed a social networking website for making posts and following users.
- Used **HTML/CSS** and **Javascript** to design the front-end of the web client.
- Implemented back-end using Python and **Django framework** to store user accounts and interactions.

Weather App
Javascript, HTML/CSS, NddeJS, Express, Handlebars

- **NodeJS** web application that enables users to search for weather forecasts of any location entered.
- Routing and API endpoints were handled with **Express**, while **Handlebars** library allowed for easy HTML templating.
- Utilized **PassportJS** for simple User authentication for login and logout.

Mail
Javascript, Python, HTML/CSS, Django

- Designed frontend email client that makes API calls to send and receive emails using Django framework.
- Used **HTML/CSS** and **Javascript** to design the front-end of the web client.
- Implemented back-end using Python and **Django framework** to store user accounts and emails between accounts.

Commerce
Javascript, HTML/CSS, Python, Django

- Designed an e-commerce auction site that will allow users to post auction listings, place bids on listings, comment on those listings, and add listings to a "watchlist."
- Used HTML/CSS to design the frontend.
- Used **Python Django framework** for **backend** to store user account information along with user interaction information.

Education

University of Guelph
B.S. in Computer Science

Guelph, Ontario
2021

- Key Projects:
  - **iCalendar Parser, 2017 :** Developed software using C that creates and parses iCalender events utilized through **Tkinter GUI** and **SQL database**.
  - **C- Compiler, 2021 :** Developed a compiler for made up language "C-" using **Java** and **Flex**
- Courses: Data Structures, Software Engineering, Algorithms Analysis, Mobile Development, Web Development, Databases

Extracurricular

ElleHacks Virtual Hackathon 2022
WellFood

- Finalist for top 4 overall with our web application **WellFood**.
- Used HTML, Javascript and Tailwind CSS to create a webapp for our submission 'WellFood', a solution for food insecurity.