Zain Babar

Aspiring Software Engineer

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Education

Wilfrid Laurier University   *Sept 2024 – Apr 2029*

Bachelor of Computer Science & Business Administration Double Degree, Co-op

Projects

AniCollection | AniCollection.com   *ReactJS, HTML, CSS, JavaScript, Jikan API, Firebase, Firestore*

- Built an **online platform** allowing users to create and share personalized anime collections by implementing a responsive and user-friendly **front end** using **ReactJS**
- Integrated **Firebase** for **user authentication** to allow users to sign in and **Firestore** database to **store** and **manage** each user's anime collections
- Implemented **Jikan API** to enable **search functionality** and display detailed information about each anime

Daily Dose of Tech | x.com/Dose_ofTech   *Python, Tweepy, PRAW*

- Developed a **Twitter bot** using Python by leveraging **Reddit's API (PRAW)** to scrape content from Apple and tech news subreddits with authorized client IDs and API keys
- Implemented posting automation with **Twitter's API (Tweepy)** to tweet curated content every **4 hours**, increasing engagement and visibility
- Achieved over **1000+ impressions**, demonstrating effective outreach through automated postings

Software Engineer Portfolio Page | zainbabar.com   *ReactJS, HTML, CSS, JavaScript*

- Created a **modern portfolio website** using **ReactJS**, featuring a dynamic navigation system, project showcase, and interactive contact links to enhance user engagement
- Developed and **integrated React components** for seamless navigation across the site, incorporating **fluid animations** to create an engaging and visually appealing user interface
- Utilized **CSS** to ensure a fully responsive design, providing an optimal and consistent user experience across **all platforms** and **devices**

Experience

Sandwich Artist | **Subway**   *June 2023 – August 2024*

- Trained **5+** new employees on new recipes and meal preparation, ensuring a cohesive team providing **efficient** and **friendly service** to customers
- **Maintained Subway's hygiene** and **safety** standards by thoroughly sweeping, mopping, and sanitizing the store, contributing to a **safe dining environment**

Awards

Ted Rogers Entrance Scholarship   *July 2024*

Received $2000 scholarship based off 4.0 High School GPA

Wilfrid Laurier University Entrance Scholarship   *June 2024*

Received $3000 scholarship based off 4.0 High School GPA

Skills

Languages   Python, Java, HTML5, CSS, JavaScript (ES6), JSX

Tools & Libraries   ReactJS, Firebase, Firestore, Git