

Zain Babar

Computer Science & Business Administration

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Experience

Data Analytics Intern | **Bruce Power**

May – August 2025

- Incoming Summer 2025 – Regulatory Affairs Department

Software Engineer | **Laurier Computing Society**

January 2025 – Present

- Building an **interview scheduling** platform for Laurier clubs with department-based candidate matching
- Implementing a **real-time scheduling** system for smooth coordination between interviewers and candidates
- Collaborating with 10 engineers, managing version control, code reviews, and **CI/CD pipelines** via Git and Github

App Developer | **Pagent.tv**

December 2024 – Present

- Created frontend UI components with **TypeScript**, ensuring responsiveness across iOS and Android platforms
- Improved user experience with animations and gesture-based interactions using **React Native**
- Worked with frontend team to convert **Figma** wireframe into functional mobile layouts, ensuring design consistency

Projects

Daily Dose of Tech | **twitter.com/DailyDoseOfTech**

Python, Tweepy, PRAW, AWS Lambda

- Developed a **Twitter bot** that tweets out trending news content selectively scraped from Reddit pages
- **Automated** tweeting content using an **AWS Lambda** function that calls **Twitter's API** to post curated content daily
- Enabled **filtering** for the most relevant news by analyzing scraped article data using the **Reddit API**
- Attained **10,000+ organic impressions** through automated tweets

AniCollection | **anicollection.org**

ReactJS, Jikan API, Firebase, Firestore

- Built a web app to enable users to create and share **collaborative** anime collections using **ReactJS** and **Firebase**
- Enabled users to **sync** their collections in real-time with Firebase for **user authentication** and a Firestore **database**
- Allowed users to browse a live anime **database** by leveraging the **Jikan API** to **search** anime by key words
- Created a **responsive** and accessible user experience across desktop and mobile using **CSS**

Eventify | **eventify.one**

ReactJS, Spotify Web API, TicketMaster Discovery API

- Created a web app to allow users to view upcoming events for their top artists by connecting their Spotify account
- Provided users upcoming events from **Ticketmaster API** retrieved from their top artists using **Spotify's Web API**
- Enabled users to **add events** to their calendars from Eventify to Google and Apple apps using a React library

Awards

Anne Marie Feddema Memorial Computer Science Award

October 2024

Received a bursary for outstanding academic performance and technical skills in the field of Computer Science

Wilfrid Laurier University Entrance Scholarship

June 2024

Received \$3000 scholarship based off 4.0 High School GPA

Education

Wilfrid Laurier University

Sept 2024 – Apr 2029

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

Waterloo, ON

Skills

Languages Python, Java, JavaScript (ES6), HTML5, CSS/Tailwind CSS, TypeScript, SQL

Tools & Libraries React, Amazon Web Services, Firebase, Firestore, Git, Github, Figma, PowerBI, Matlab