

A. Jordan Burgess

Software Engineer

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I am a Software Engineer with a background in foreign language education. I am passionate and driven to learn new skills to improve my computer science abilities through hands-on industry experience in software design. I am knowledgeable in front end web development with different web technologies such as Javascript, React, and Node.js, as well as utilizing strong skills on backend development with MongoDB, Django, Express, PostgreSQL, and Python

SKILLS

Programming Languages - JavaScript, Python, Java, HTML, CSS, JSON, Mongoose, Typescript, EJS

Database - PostgreSQL, MongoDB,

Libraries and Frameworks - React.js (class based and hooks), Express.js, Django, JQuery, Bootstrap, Semantic UI, Bulma

Other - RESTful APIs, JSON api, AJAX, Figma, Postman, Azure Cloud Service

Foreign Languages - Chinese (Mandarin), Spanish, French, Wolof

SOFTWARE DEVELOPMENT PROJECTS

Full-Stack Web App: [PolyU](#) | A full stack social-media application

October 2022

- Designed a fully functional **REST API** using **Django REST Frameworks** to access a **PostgreSQL** database hosting user data.
- Created a front end application using **React.js** to showcase user data in an interactive layout.
- Utilized **Socket.io** library to create a server based on web sockets that will allow for instant messages in chats.
- Implemented user authentication with **Django simple authentication** tokens to allow users access to the app.
- Designed an effective UI for the app by creating functional design wireframes on **Figma**.

Full-Stack Web App: [myBooksy](#) | A full stack book review application

September 2022

- Utilized **Mongoose** Schemas to achieve data storage of users in specific datasets when hitting a like function on the app.
- Collaborated with a team to create fully active web applications leveraging **React** components in the front end.
- Implemented user authentication and admin accounts with authentication tokens to allow certain functionalities to users.
- Build systems utilizing data engineering to create a functional back-end architecture that sends JSON responses with nosql databases such as **MongoDB** and **Mongoose**
- Created APIs on the application backend following technology trends for data management that fetched different data sets and utilized them on the frontend.

Full CRUD App: [Spiel Blog](#) | A full stack active blog application

August 2022

- Utilized best practices while using web services to make RESTful API fetch calls to an **Express, MongoDB, Node.js** backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using **Postman**.
- Created up to 7 routes within the API, and 3 different ERD's with one to many and many to many data structures to access different use cases.
- Collaborated with a team using my analytical skills to peer review others code bases to find best solutions for data conflicts
- Resolve conflicts that arose when pushing new commits up to Github.
- Used **Mongoose** to define schemas for **MongoDB** collections.

PROFESSIONAL EXPERIENCE

Brooklyn Chinese American Association, English as a Second Language Teacher | Brooklyn, New York

April 2022 - July 2022

- Taught classes of up to 20 students in English skills like listening, reading, writing, and speaking.
- Achieved up to 80% of students' educational goals by creating strong lesson plans that gave students a strong foundation in their second language and culture acquisition.
- Utilized problem solving techniques to create an efficient and structured system to enter student credentials into the local database for monitoring progress.

World International English, English as a Foreign Language Teacher | Suzhou, China

December 2018 - December 2021

- Awarded the "Teacher of the Year Award" for teaching lessons that are both invigorating, engaging, and educational.
- Taught various classes and lectures ranging from 1-50 students in English communication with a focus on cultural topics.
- Collaborate with a team of teachers to create lessons and events that are most interesting for students
- Trained C-suite leaders English skills related to business and finance at 5 major corporations.

EDUCATION

General Assembly | Remote

Software Engineering Immersive

July 2022 - October 2022

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Andrews University | Berrien Springs, MI

Bachelor of Arts in General Studies

Graduated June 2015