

Joshua Cooper

Full-Stack Developer

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Full-Stack Software Engineer with a solid foundation in computer science, complemented by completion of a software engineering boot camp. With a quick learning ability, I excel at absorbing new technologies and adapting to changing landscapes. Strong problem-solving skills and perseverance enable me to overcome challenges and deliver effective solutions with remarkable results.

SKILLS

Languages - JavaScript, HTML, CSS, Python, Ruby, SQL

Database - PostgreSQL, MongoDB

Libraries and Frameworks - React, Express.js, Django, jQuery, Bootstrap, Materialize, Node.js, Mongoose, Ruby on Rails

Other - Git, AJAX, RESTful Routing, JSON, APIs, Object Oriented Programming, MVC Pattern, Responsive Design, Authentication, ERDs, Wireframing, Agile Development/Scrum, Heroku, Testing, Debugging, Visual Studio Code

SOFTWARE DEVELOPMENT PROJECTS

Twitter (Twitter Clone) | PostgreSQL, Ruby on Rails, Bootstrap

May 2023 - Present

- A dynamic microblogging app powered by Ruby, Ruby on Rails, embedded Ruby, Bootstrap, and PostgreSQL.
- Seamlessly navigate a user-friendly interface, effortlessly crafting and sharing thoughts as interactions come to life.
- Leverages PostgreSQL for a robust and scalable database backend, ensuring reliability and seamless performance

ShoeBox | PostgreSQL, Django, Django Templating Language, Python

- Web app for Sneakerheads to explore and showcase their sneakers.
- Used Django Templating Language to serve the front end with Python methods and functions.
- Served the back-end of the application using Python methods and functions utilizing PostgreSQL database management.
- Styled and created the visual aspects using Materialize, HTML, and CSS with mobile-friendliness in mind.

Stock Tracker | MongoDB, Express, Embedded Javascript, Node.js

- Web app for users to track interested stocks, which shows real-time stock prices.
- Made 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.
- Used Mongoose to define schemas for MongoDB collections.
- Implemented Materialize CSS framework for a simple, but responsive look and feel.

Blackjack | HTML, Bootstrap, Javascript, jQuery

- A website for users to sharpen their Blackjack skills against a computer. This was my first website after learning the fundamentals of HTML, CSS, and Javascript.
- Utilized HTML and jQuery to dynamically create the site's structure.
- Used Javascript to handle the game logic and implemented Bootstrap CSS framework to create a responsive and clean-looking site.

PROFESSIONAL EXPERIENCE

Customer Service Associate, Jewel Osco | Huntley, IL

October 2018 - February 2020

- Processed an average of 25 cash and credit transactions per hour with efficient precision.
- Balanced the cash register meticulously at the end of each shift, maintaining a 100% accuracy rate in reconciling funds.
- Swiftly responded to an average of 20 customer inquiries per day and adeptly addressed 90% of complaints to complete satisfaction in a friendly and professional manner.

EDUCATION

General Assembly

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, 12-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.

Illinois Institute of Technology | Chicago, IL

Bachelor of Science in Computer Science