

Charles Neal Cruse

Virginia Beach, VA, USA | (757) 510-3307 | charle9@vt.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Objective: Full-stack software engineer seeking a web development position to create user-centric solutions

PROJECT HIGHLIGHTS

StarWarsbnb (React/Redux, Rails, JavaScript, PostgreSQL, AWS S3)

[Live](#) • [GitHub](#)

An Airbnb clone which allows users to have full reservation and review functionality

- Single Page Application designed in React, utilizing Redux to optimize information flow within React components
- Deployed RESTful API routes with Ruby on Rails for frontend-backend communication
- Implemented Active Record ORM models to validate newly added data, build associations across database tables, and keep platform-wide data consistency
- Integrated Amazon S3 data storage to Active Storage for uploading and retrieving assets

Benchwarmers (MongoDB, Express, React/Redux, Node.js)

[Live](#) • [GitHub](#)

A sport-focused social web app used to create and join local sporting events

- Reviewed and corrected non-relational data validation, API routes, and models for MongoDB database
- Assisted in designing Express back-end API routes to ensure platform-wide consistency from user interaction
- Implemented client-side form validation using JavaScript and Redux to manage complex state changes and provide feedback to users during input
- Leveraged JavaScript to manipulate Google Maps API allowing users to use point-and-click or text autocomplete features to geocode locations of user created events
- Employed GitHub's version control process to update code and efficiently collaborate with team members

WORK EXPERIENCE

Scale AI Remote - Freelance

05/2023 - Present

AI Training Engineer

- Testing AI-generated code and providing detailed feedback to enhance response accuracy, clarity, or efficiency
- Documenting and communicating test results, including defects and issues, to development team

New Oriental Education Shanghai, China

10/2020 – 05/2022

English Teacher

- Consistently improved presentations, being the only employee of 10+ newly hired teachers who required no training
- Chosen among a group of 20 teachers to develop and present workshops to expand to new clientele
- Hosted workshops of 50+ college-level students, securing contracts with their schools for future events

Accenture Arlington, VA, USA

09/2017 – 09/2019

Management Consulting Senior Analyst

- Developed survey tool by meeting with clients to gain insight on requirements and desired functionality, testing and executing code, and updating tool for new versions
- Created and delivered financial analytic reports and assisted in transitioning reporting duties to client
- Assisted in creating routine communication material sent to client leadership and 1000+ employees
- Performed market analyses to capture market size, competitor share, and identify potential entry points

EDUCATION

App Academy New York, NY, USA

01/2023 – 04/2023

Web development bootcamp with a 1000-hour curriculum

Virginia Polytechnic Institute & State University Blacksburg, VA, USA

08/2014 – 05/2017

Bachelor of Science in Finance and Management

SKILLS

- **Fluent Languages:** English | Spanish
- **Programming:** React/Redux | JavaScript | Ruby on Rails | Python | PostgreSQL | MongoDB | HTML | CSS
- **Analytics:** Excel | Tableau | PowerBI