

# Charles Neal Cruse

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

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## PROJECTS

**StarWarsbnb** (React, Redux, Ruby on 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
- Constructed PostgreSQL database tables using Active Record ORM migrations
- 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, JavaScript, Google Maps)

[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

**Whack-A-Bara** (JavaScript, HTML/CSS)

[Live](#) • [GitHub](#)

*A Whack-A-Mole styled game built purely in vanilla JavaScript*

- Applied event listeners and HTML object manipulation in JavaScript to detect user interactions and update game
- Developed custom animations and transitions using CSS for improved visual experience
- Established a scoring system and timer functionality to enhance the gameplay experience

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## EXPERIENCE

**Accenture** Arlington, VA

09/2017 – 09/2019

*Management Consulting Senior Analyst*

- 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
- Used creative writing skills to write a guide for new Project Managers on client account
- Performed market analyses to capture market size, competitor share, and identify potential entry points
- 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

**Hispanic American Employee Resource Group (HAERG)** Arlington, VA

10/2017 – 09/2019

*Local Markets Committee Co-Lead*

- Coordinated with outside local organizations to develop long-term partnerships between the and the HAERG
- Recruited and corresponded with other HAERG members to volunteer for organized event

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## EDUCATION

**App Academy**

01/2023 – 04/2023

Web development bootcamp with a 1000-hour curriculum

**Virginia Polytechnic Institute & State University**

08/2014 – 05/2017

Bachelor of Science in Finance and Management

**Old Dominion University**

08/2012 – 05/2014

Bachelor of Science in Finance

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## SKILLS

- Fluent in Spanish
- Programming Languages: React/Redux | JavaScript | Ruby on Rails | PostgreSQL | MongoDB | HTML | CSS