

# Shaun Colley

Software Developer

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## Software Development Skills

- JavaScript, TypeScript, Python, Node.js, React, Redux, Express, REST, PostgreSQL, Sequelize (ORM), HTML, CSS, Apollo, GraphQL Bootstrap, Firebase, MongoDB, Sass, Figma, Agile/Scrum, Git

## Education

DigitalCrafts | Certificate in Software Engineering | Houston, TX June 2019

- Software engineering program covering full-stack development including JavaScript, Python with an emphasis on frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

Rice University | M.A. in Philosophy | Houston, TX Dec 2018

University of Luxembourg | M.A. Modern and Contemporary European Philosophy | Luxembourg June 2015

University of North Carolina Wilmington | B.A. in Philosophy and Spanish | Wilmington, NC May 2011

## Software Development Portfolio

**Agile Stress** | <http://agile-stress.herokuapp.com/> | <https://github.com/shaunwcolley/agile-stress-react> Sept 2019

- Individual arcade game style project that mimics agile software tools.
- Create and implement front-end design. Implement three independent timers, scoring system, and gameplay UI.
- Project built with Figma, React (Hooks), and TypeScript.

**Garden Planner** | <https://squarefootgarden.herokuapp.com/> July 2019

- Individual full-stack drag and drop garden planner web app that allows users to track harvest and planting dates.
- Design and Implement front-end React components, CSS styling, drag and drop functionality, back-end server and PostgreSQL database.
- Built with React, Redux, Node.js, Express, and PostgreSQL.

**Website Health Tracker** | <https://poetic-wayfinder-client.herokuapp.com/> May 2019

- Member of a 3-person development team building a website health tracker for Poetic to track the status of the websites and web applications Poetic developed for their clients.
- Primary responsibility included implementing Apollo/GraphQL server, Apollo/GraphQL schemas, Apollo-client interactions with the Apollo server, Lighthouse API interactions, and scheduled task that ran the lighthouse reports.
- Built with React, Redux, Node.js, Apollo, GraphQL and PostgreSQL.

**Noise Pollution** | <https://optimistic-yonath-25c712.netlify.com/> | <https://github.com/shaunwcolley/hackathon> May 2019

- Member of a 6-person hackathon team building a noise pollution tracker and heatmap for Houston Hackathon 2019.
- Primary responsibility included implementing backend server and PostgreSQL database to store noise data.
- Built with React, Redux, Node.js, Express, and PostgreSQL.

**BH Golf League** | <https://bh-golfapp.herokuapp.com/> | <https://github.com/shaunwcolley/fullStackGolf> Apr 2019

- Member of a 4-person development team building a league management site that allows users keep track of 30 team, 23-week season golf league using a quota system.
- Primary responsibility included implementing scoring logic that accounted for player ties, teams scores and no-shows, and integrating admin login allowing admins to create new accounts and archive a season to start new season.
- Built with Node.js, Express, and PostgreSQL.

## Professional Work Experience

ZUAR, Inc. | Documentation Intern | Austin, TX Aug 2019 – Present

- Write, edit, and publish user documentation for proprietary software using the Sphinx-doc framework and Markdown.

Ethics and Society at Rice | Program Administrator | Houston, TX Apr 2018 – Dec 2018

- Plan and administrate curriculum for a 3-week summer Humanities enrichment program for 15 rising high school junior and seniors; create and implement evaluations for instructors that track progress toward teaching goals.

Pender High School | Spanish Teacher | Burgaw, NC Aug 2012 – July 2013

- Develop and implement a curriculum taking into account students' individual needs and interests to allow for a multi-faceted learning experience.

UNC Wilmington | Certified Tutor | Wilmington, NC June 2010 – Dec 2011

- Tutor undergraduate students in Symbolic Logic, Philosophy and Spanish by creating and implementing tutoring plan of action and attend professional development.