

# JOHN ANDERS

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## SKILLS

React, JavaScript, Python, Node.js, Flask, Express, Redux, Regex, Docker, SQL, Git, HTML5, CSS3, TDD / Testing

## PROJECTS

**Bluejay** (Python, Javascript, React, Flask, SQLAlchemy, Redux, CSS) - Group

[Live Site](#) | [Github](#)

*A fullstack single-page, real time Robinhood clone for crypto currencies.*

- Wrote Agile feature list, including user stories, MVP, stretch goals, relational database design, and restful API routes to ensure the team delivered an optimal product, on time.
- Implemented CRUD watchlist feature from front (React.js) to back (Python / Flask) complete with sparkline graphing, using React - Redux for responsive retrieval of data most relevant to the user.
- Refactored Git merges, pair programmed, clarified design decisions daily as a team to maximize cohesion and minimize conflict.
- Deployed final product through Docker to decrease deployment time and release site to Heroku server.

**goAlgo** (Javascript, React, CSS) - Solo

[Live Site](#) | [Github](#)

*A visualizer of sorting and pathfinding algorithms.*

- Created framing engine with React.js and vanilla CSS for animating sorting algorithms to enable noticeable asynchronous execution of each algorithm step.
- Integrated quick sort, selection sort, insertion sort, and bubble sort with framing engine and speed and quantity sliders for customizable animation.
- Graphed dijkstra's pathfinding algorithm with drag and drop barrier placement for maximizing user engagement and understanding.

**Heedly** (JavaScript, Express, React, Redux, HTML, Material-UI, Sequelize, and CSS) - Solo

[Live Site](#) | [Github](#)

*A fullstack Feedly-like web app where users can browse up to the minute news by search or source, mark articles as read, and reference their "reads."*

- Researched and implemented news API and built my own SQL / Sequelize database for storing "reads" and necessary article information, which enabled me to overcome environment-specific deprecation issues of the Node wrapper for the Feedly API.
- Utilized Google's Material-UI React library to build out front end and CSS styling in combination with Redux state management, providing a cohesive and intuitive user experience.

## EXPERIENCE

**WinShape College Program, Events & Core Leader Specialist** Rome, GA

May 2018-May 2020

- Managed: Supervised, led, and mentored a team of 8 student leaders consistently over 2 years with 100% certification rate for StrengthsFinder coaching.
- Planned Events: Delegated and oversaw the execution of annual Formation Weekend (70-100 attendees), including budgeting, communications, and campus partner connections to ensure financial success and repeatability.
- Taught: Facilitated weekly leadership and self-discovery curriculum and coached dozens of students through 200+ hour life purpose writing process.
- Interviewed, Scored, Recruited: Read and graded applications for and interviewed college program students, leaders, and specialist employees, including final selection process.

## EDUCATION

**App Academy** Remote Fullstack Software Engineering Program

June 2020-present

*Rigorous 1,000 hour software development course with <3% acceptance rate and assessment-driven learning environment.*

- Winner of "Project of the Week" contest with over 500 votes, currently "Best Project All-Time" - Career Karma, December 2020

**Berry College** Rome, GA

2014-2018

*Bachelor of Arts in Religion & Philosophy, Magna Cum Laude*

- Completed and presented over 500 hours senior thesis & 4 years student work experience
- Completed "Creative Computing" and "Design Programming: Problem-Solving & Abstraction" courses (4.0)
- Berry College Student Work Experience Team of the Year - Berry College Chaplain's Office, 2015-2016
- Best Co-Sponsored Program - Planned and Moderated the Incarceration & Faith Panel Discussion, April 2018
- Floyd County Volunteer Jail Chaplain, 2017-2018