

# Benjamin Jackson

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## SOFTWARE ENGINEER

A solutions oriented Software Developer and lifelong learner with a professional background in education. I have demonstrated a history of leadership, team management, and implementation of organizational policies. I am motivated by the opportunity that software provides to share information, increase productivity and positively impact individuals and the world as a whole.

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## TECHNICAL SKILLS

Javascript, React, Node.js, Python, HTML, CSS, SCSS, Git

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## TECHNICAL PROJECTS

### Sorting Algorithm Visualizer - [Github](#) | [Demo](#)

Teaching tool which allowing users to see the working processes of popular sorting algorithms

- Utilized both functional and class based components to animate the sorting process
- Provided animations for both swapping singular elements as well as ranges of elements
- Technologies used: React, Javascript, CSS

### Technical Blog - [Github](#) | [Demo](#)

Functional Full Stack blogging app where users can write their own articles or explore others

- Fetches from database using Node.js and uses search queries to allow sorting posts by category or author
- Provides different interfaces depending on user's editing privileges
- Technologies used: React, Node.js, Express, MongoDB, CSS

### Financial Dashboard - [Github](#) | [Demo](#)

Tool for users to track stocks in detail and create a snapshot of their portfolio

- Used the Finnhub API to continually update stock data to custom components and Tradingview widgets
- Implemented functionalities for users to save stocks, add them to a portfolio, and view details on a dashboard.
- Technologies used: React, ChartJS, Semantic UI

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## EXPERIENCE

### Freelance

New York, New York

Software Engineer

12/2021 - Present

- Design, develop, and deploy websites that professionally represent businesses and serve their needs
- Create fully web ready applications using React, Node.js, Stripe, Mapbox and more
- Research and implement technologies that are best suited for the customer's vision and budget

### City Year Washington DC

Washington, District of Columbia

Team Leader

06/2019 - 05/2020

- Oversaw a cohort 6 of AmeriCorps members including training, team building, and team management
- Co-managed partnership between AmeriCorps, school administrators and teachers; ensure 48 students receive educational support services
- Conducted monthly observations of Corps members to support individual development and achieve site goals; Monitor weekly performance measurement of team's service to demonstrate impact

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## EDUCATION

### Flatiron School

New York, New York

Full Stack Web Development, Ruby on Rails and JavaScript program

10/ 2021 - 01/2022

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## ADDITIONAL INTERESTS

- Distance Running
- Skiing
- Hiking
- Education
- Reading
- Planning/Organization
- Environmental Protection
- Leadership