

# Jack Bisceglia

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## Education

### University of Massachusetts Amherst

Amherst, MA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND MATHEMATICS, GPA: 3.95/4.0

Expected Graduation: May 2023

- **Achievements:** Dean's List Award- All Semesters, Abigail Adams Scholarship
- **Relevant Coursework:** Intro to Programming, Data Structures, Programming Methodology, Linear Algebra

## Skills

**Programming Languages:** JavaScript, Python, Typescript, Java, HTML, CSS

**Frameworks and Tools:** React, Redux, Node, Express, Flask, PostgreSQL, Git

## Experience

### BUILD UMass

Amherst, MA

SOFTWARE DEVELOPER

September 2020 - Present

- Working in the BUILD organization to create and provide software for non-profits and small businesses.
- Actively collaborating with The Yerli, a local company working to promote small businesses.
- Currently developing front-end UI features and integrations for a web app in React.

### Prezo Grille and Bar

Milford, MA

BUSSEER

August 2017 - Present

- Interacted with customers regularly in a hospitable manner, helping to create an inviting environment.
- Led new employees in training, exemplifying business expectations and values.
- Executed tasks under high-pressure and fast-pace, maintaining company expectations.

## Projects

### Battls

- Developed a full-stack social media app allowing users to vote on and post polls regarding various topics.
- Built a front end app featuring a social feed of recent polls and their stats, using Typescript React and Redux.
- Implemented an ExpressJS REST API for serving dynamic data to the client side, allowing user's polls and votes to persist over time.
- Secured data storage in a PostgreSQL relational database, enabling efficient data retrieval and user authentication

**Link:** [github.com/jackbisceglia/battls](https://github.com/jackbisceglia/battls)

### Trello Clone

- Built a full-stack web app to help improve productivity with a centralized, card-based task board.
- Garnered **45** user sign-ups, and **20** stars on GitHub upon deployment.
- Implemented a neat UI and UX to simplify the task management experience with modern React and ES6.
- Served and persisted data by developing a NodeJS REST API, allowing users to plan and manage responsibilities over time.

**Link:** [github.com/jackbisceglia/trello-clone](https://github.com/jackbisceglia/trello-clone)

### Sort-ify

- Created a web app that visualizes sorting algorithms in order to clarify an understanding of their processes.
- Developed animations with vanilla Javascript and DOM Manipulation to show the procedure behind sorting.
- Optimized code efficiency and cleanliness with the use of modern ES6 principles, in order to improve the overall user experience.

**Link:** [github.com/jackbisceglia/sort-ify](https://github.com/jackbisceglia/sort-ify)