

# JACK BISCEGLIA

*UMass Amherst Freshman looking for Software Development Intern positions*

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## EDUCATION

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**University of Massachusetts, Amherst**

*Expected Graduation: May 2023*

Bachelors of Science in Computer Science and Mathematics

GPA: 4.0

Relevant Coursework: Intro to Programming, Data Structures, Multivariate Calculus

## PROGRAMMING PROJECTS

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**Sortify** Personal Project

*March - April 2020*

- Launched a website to visualize commonly used sorting algorithms.
- Utilized **Javascript** to implement various algorithms and visualize them.
- Applied **ES6** principles to optimize code and refine the visualization process.
- Conveyed efficiency and time costs of the algorithms against each other.

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

**Live:** [jackbisceglia.github.io/Sort-ify/index.html](https://jackbisceglia.github.io/Sort-ify/index.html)

**WeatherWizard.tech** Personal Project

*December 2019*

- Developed a web app to display weather information based on user needs.
- Learned new technology such as **Flask** and **Python** to handle back-end API work.
- Designed the UI with HTML, CSS, and the Materialize framework.

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

**Live:** [weatherwizard.tech](https://weatherwizard.tech)

**Fractal Generator** Course Project

*February 2020*

- Collaborated with a team to build a quality project that draws fractals.
- Used **Java** with recursive methods to find canvas points and generate these fractals.
- Implemented software development principles such as **Object Oriented** design.
- Outputs fractals to a simple Java UI that adjusts the depth based on user input.

## TECHNICAL SKILLS

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**Programming Languages:** Javascript, Java, Python.

**Familiar Languages:** HTML, CSS.

**Frameworks/Tools:** Flask, Pandas, Numpy.

## EXPERIENCE

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**A. Duie Pyle**, Dockworker, Marlborough, MA

*June 2019 - Aug 2020*

- Operated day-dock shift independently.
- Handled valuable freight with care and efficiency.
- Learned forklift operation with on-the-job training.

**Prezo Grille and Bar**, Busser, Milford, MA

*Aug 2017 - Present*

- Worked in a high-paced environment.
- Interacted with customers in a hospitable manner.
- Trained new employees at my position.