

# Jason D'Amico

Freeport, ME 04032

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## Education

**Union College** (Schenectady, New York): B.S. in Computer Engineering **GPA: 4.0** **Sept. 2019-Dec. 2023**

- **Relevant Courses:** Programming on Purpose (Java/Python), Logic and Set Theory, Values of Economic Justice

**Freeport High School** (Freeport, Maine): Graduated summa cum laude **Sept. 2015-June 2019**

## Technical Skills

**Programming:** Python, data analysis, pandas, scikit-learn, HTML/CSS, Rest APIs, Java, PHP, SQL, C++, Unity, and Git version control.

## Technical Experience

**Undergraduate Data Analytics Research Fellow**, Union College (Schenectady, New York) **June 2020-present**

- Building a machine learning model to predict enrollment, generate an expected class profile from a Union College applicant pool based on 8 years of past applicant data.
- Using Python libraries (pandas, scikit-learn) to prepare data for analysis and develop the predictive model.
- Working under the direction of an economics professor and Admissions' Director of Enrollment and Operations.

**Front-End Developer**, LovEnergy LLC (Glenville, NY) **Dec. 2020-present**

- Creating a web application to simulate and report energy forecasting for clients' building specifications.
- Linking client input to back-end Java code that runs simulations via Spring Boot, React JS and AWS.

**Work-Study Web Developer**, Union College Admissions (Schenectady, New York) **Sept. 2019-June 2020**

- Developed a web app to manage and track tour guide attendance and assignments using HTML, CSS, PHP & SQL.
- Created a Windows app in C# to record swipes of Union ID cards to register tour guide attendance in the web app.
- Delivered website improvements as requested by administrators.
- Used SourceTree version control to commit and track changes.

## Work Experience

**Maine Boys to Men**, Intern (Falmouth, Maine) **Aug. 2020-present**

- Supporting the development of multiple programs designed to end gender-based violence.
- Collaborating with the Portland Public School system on revising their Title IX policy implementation.
- Helping provide new ideas for programming geared specifically towards male-identified Mainers.
- Assisting in transitioning curriculum for educators and coaches to an online setting and delivering that material.

## Honors

**2019 Myra Kraft Community MVP Award (\$10,000 awarded to Maine Boys to Men)** **Aug. 2019**

- Awarded to 26 New England volunteers based on community involvement and charitable initiative.
- Recognized for volunteer work with non-profit organization Maine Boys to Men:
  - Helped inform and provide feedback on a curriculum for Maine schools regarding gender-based violence.
  - Headed and delivered a program to educate school faculty about gender-based issues relevant to high school students in April 2019.

## Research Experience

**Scholars Research Seminar**, Union College **Mar. 2020-June 2020**

- Wrote a 20-page research paper titled **Wasted Data: Throwaway Culture and What it Means for Our Digital Information** on surveillance capitalism and digital stewardship.

## Extracurricular Activities

**Entrepreneurs of the Nott (EON)**, Newsletter Contributor **June 2020-present**