

Jason D'Amico

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Education

Union College (Schenectady, New York): B.S. in Computer Engineering **GPA: 4.0**

June 2023

Freeport High School (Freeport, Maine): Graduated summa cum laude with distinction

June 2019

Technical Skills:

Programming: Java, Python, HTML/CSS, PHP, SQL, Pandas, scikit-learn and Git version control.

Technical Experience

Undergraduate Research Fellow - Data Analytics (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 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.

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 changes on my local machine to the master server.

Shadowing Experience

Level8 Design Studio (Portland, Maine): **10 hours**

May 2019

- Strengthened knowledge surrounding HTML and CSS, introduced to SQL databases and PHP use.

L.L. Bean Web Maintenance Department (Freeport, Maine): **10 hours**

May 2019

- Observed programming surrounding cybersecurity and prevention of breaches on the L.L. Bean retail website.

Job Experience

Coffee By Design, Barista (Freeport, Maine)

Apr. 2019-June 2019, Nov. 2019-Jan. 2020

- Utilized strong customer service skills through drink preparation, processing transactions, and cleanup.

Leadership Experience

Freeport High School Reducing Sexism and Violence Program (RSVP), President

Sept. 2017-June 2019

- Headed and delivered a program to educate school faculty about gender-based issues relevant to high school students in April 2019.
- Created an agenda for weekly meetings, ran discussions and activities within the club of roughly 15 students.

Honors

2019 Myra Kraft Community MVP Award

Aug. 2019

- Awarded to 26 New England volunteers based on community involvement and charitable initiative.
- Along with this recognition, \$10,000 was awarded to Maine Boys to Men.
- Recognized for work with non-profit organization Maine Boys to Men:
 - Helped create a curriculum for Maine schools regarding gender-based violence.
 - Delivered this curriculum by facilitating student-trainings.

Extracurricular Activities

Best Buddies, Volunteer

Sept. 2019-present

- Offer adults with developmental disabilities in Schenectady monthly group activities.
- Partner with one adult to spend time with on a weekly basis.