

Dylan Bienstock

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Education

Dartmouth College, Hanover NH

GPA: 3.90 Expected: December 2024

- Bachelor of Arts: *Major in Computer Science and Minor in Engineering and Religion*
- Relevant Skills: React • Java • SQL • Python • C • C# • HTML • CSS • Javascript • NodeJS • DBT

Experience

Microsoft, Redmond, WA (Software Engineer Intern)

[Microsoft Designer](#) Brand Team

June 2023 - Present

- Software Engineer Intern for Microsoft Designer, a new graphic design app that utilizes OpenAI's GPT and DALL·E models to generate customizable and professional social media posts, invitations, graphics, and more.

SharePoint Database Team

June 2022 - September 2022

- Wrote an asynchronous function to support the existing synchronous action of copying folders in Microsoft SharePoint to unblock the ~7,000 monthly copy requests that get throttled
- Leveraged C#, SQL server, and Powershell to create a timer service that copies the contents of a SharePoint folder in batches, maintains original folder metadata, times out and resumes, tracks percent progress, and displays errors
- Optimized an existing functionality in Sharepoint to prevent high resource consumption from API calls, increase reliability, and improve user experience

Lull, Santa Barbara, CA

Software Engineer Intern

July 2020 - June 2021

- Managed Lull's analytics workflow using DBT for SQL queries, table documentation and tests, and report scheduling
- Worked with Marketing and Accounting to supervise and advance daily ELT process, ensure data and reports were accurate and reflected the needs of their users, and field report requests and develop the SQL to help them visualize the data they needed
- Built, maintained, and deployed Python scripts that ingested data from Lull's marketing partner's into their data warehouse and orchestrated and connected the detached ELT segments of Lull's data process

Dartmouth College, Hanover, NH

Computer Science Teaching Assistant

March 2020 - June 2021

- Held office hours, led recitation sections, and graded projects and exams for Computer Science 10

Dartmouth Skiway Snowsports Instructor:

December 2019 - March 2020

- PSIA-AASI Certified Snowboard Instructor • Taught snowboarding lessons to first-time riders • Progressed students from never having ridden to completing turns down the mountain

Projects

[Convocode](#)

August 2022 - March 2023

- Collaborated with a dynamic team of six for seven months to successfully develop a full-stack website centered around creating and facilitating conversations about AI-generated code.
- Took ownership and developed the backend architecture of the Convocode project, utilizing React and MongoDB, to create a robust and scalable web application featuring a REST API to enable seamless communication between the frontend and backend components
- Implemented user authentication, leveraged OpenAI's API to request and retrieve AI-generated code, and integrated Algolia search functionality to enhance project discovery capabilities.

Motability

May 2022 - June 2022

- Developed a Google Chrome Extension using React, NodeJS, and Javascript which allows users to be more aware of the time they spend online, be able to leverage time that they deem to be wasted and work towards accomplishing their goals

Tiny Search Engine

September 2021 - November 2021

- Created a simplified search engine in C which crawls websites, indexes words, and queries phrases

Leadership and Service

Dartmouth Men's Club Water Polo Hanover, NH

President

August 2020 - Present

- Manage communication between the team and our alums, our league, and school administrators
- Reworked the team's constitution to distribute club tasks and streamline club operations
- Developed and managed the club budget to ensure donations and dues exceeded spending