

Benjamin Zhao

347-471-7778 | Downingtown, PA | benzhao90@gmail.com | <https://ben-zhao.com/> | [linkedin.com/in/zehou-zhao/](https://www.linkedin.com/in/zehou-zhao/) | github.com/bzhao-1

EDUCATION

Carleton College

Sep 2021 - June 2025

GPA: 3.8

Rising Junior summer 2023

Bachelor of Arts: Computer Science, Mathematics Minor, Concentration in Finance

Awards & Certificates: William E Newing Memorial Scholarship, National Scholar Athlete Award(National Football Foundation), Magna Cum Laude(High School), Presidential Service Award

Relevant Coursework: Data Structures, Software Development, Discrete Math Structures **Spring 23:** Algorithms

Activities: Athlete Investment Club, Varsity Football, Club Rugby(Public Relations Officer)

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, R, CSS, Javascript,

Skills: Software Development, Pandas, Numpy, Website management, Consulting, Data Analytics

PROJECTS

Ben-zhao.com | *Personal Portfolio Website* | [site](#)

Dec 2022

- Coded a personal portfolio website, utilizing **CSS** and **JS** in combination with **HTML** and **PHP** for database access,
- Hosted site through a private domain via cloudflare

Cahai.org | *Website Development: Personal Project* | Fairfield, CT

Jun 2021 - June 2022

- Led in utilizing **HTML** and **graphic design** skills to manage and update website for local nonprofit organization as part of a team
- Marketed with over 50 local business owners to promote sponsorship and advertising to increase traffic to website
- Drove over 200% increase efficiency for organizing events, selling tickets, and managing members

PROFESSIONAL EXPERIENCE

Oracle (OCI) | *Incoming Software Engineer Intern* | Austin, TX

June 2023

Carleton College | Northfield, MN

Computer Science Course Staff and Lab Assistant

Sept 2022 – June 2023

- Led in working with over 50 computer science students weekly to enhance their understanding of core concepts and materials
- Delivered debugging feedback and grades to between 30-60 students for 1-3 weekly programming projects

Athletic Administrative Assistant

Sep 2021 - Present

- Created **Python algorithm**, increasing efficiency by over 1000%, to track varsity rosters, letters, and awards electronically
- Led using data to create 200% faster process for managing concession stands for all athletic events

Frontage Laboratories, Inc | *Data Analyst Intern* | Exton, PA

Dec 2021 - Jan 2022 | June - Aug 2022

- Created **Python algorithm** by leveraging **pandas** and **numpy** to automate tracking data, increasing efficiency by over 100%, for over 300 biological instrument inventories and distribution
- Managed orders totaling over \$100,000 in biological supplies and lab materials to deliver supplies to over 25 clinical studies
- Led in quality control through **pandas** to reduce errors by 25% with archiving and tracking data from biological sample studies

Small Business Owner: Self-Employment | *Founder of Business and President* | Fairfield, CT

June 2018 - Mar 2022

- Deliver over 10000% increase in clientele from working alone and servicing a few households to between 500-1000 annual clients
- Led a team ranging from 10-30 high school students to deliver home improvement and contractor services in Fairfield County.
- Managed meetings with over 100 clients weekly to assign jobs, deliver price estimates, and collect and distribute revenue
- Established roots for future generations of high schoolers to serve community by transitioning operations to high school seniors

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Piper Sandler | *Incoming Career Exploration Program Participant* | Houston, TX

Feb 2023

Marsh Creek Youth Football | *Coach* | Exton, PA

June - Aug 2022

- Led in teaching over 50 youth football players football development skills en route to compete in repeating as state champions

American Society for Biochemistry and Molecular Biology (ASBMB) | *Research Presenter* | [Research Publication](#)

April 2021

- Abstract Published in FASEB Journal: May 2021 and poster presenter at 2021 Experimental Biology conference
- Computational biology research modeling the integrin adhesion code using bipartite graph models in **R** for simple cell type prediction and modeling the entire adhesome to help develop adhesome based medicine.