

VIVIENNE TAM

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EDUCATION

University of Massachusetts Amherst – Bachelor's of Science

August 2020 – May 2024

Computer Science major and Commonwealth Honors College Student

GPA: 3.96/4, Dean's List

Relevant Coursework: Data Structures (Java), Programming Methodology (Javascript), C Programming, Intro to Computation, Multivariable Calculus, Linear Algebra

In Progress: Computer Systems Principles (C), Reasoning Under Uncertainty (Statistics for CS), Physical Computing (Arduino)

EXPERIENCE

Member of HackUMass Organizing Team

June 2021 - Present

- Secured 3D printers, cameras, and other hardware and equipment for event
- Contacted and obtained quotes from 10+ hotels around Amherst for event sponsors to reside

Office Assistant at ACS Development

July 2020 - January 2021

- Provided customer support when answering phone calls and taking messages
- Organized legal and financial documents
- Performed IT support tasks and modernized office technology tools

Captain of WHS Competitive Robotics

September 2016 – May 2020

- Created a software library for the team to promote code accessibility and reusability through GitLab
- Competed at the regional and global level, placed top 3 regionally every year
- Captain and Treasurer during 2019 - 2020 season
- Managed reimbursements, flights, registration, financials, leading robot groups

Captain of Winchester Mock Trial Team

September 2016 – May 2020

- Debated in mock civil and criminal lawsuits as a defense attorney or prosecutor against other schools
- Managed reimbursements, transportation, and registration costs
- President and Treasurer during 2018 - 2020 seasons

Tutor for AP CS A

September 2018 – June 2019

- Tutored high school students taking the class as part of WHS National Honor Society community service
- Taught Java and Object-Oriented programming fundamentals

PROJECTS

Coddiwomple – HackUMass

December 2020

- Won Most Creative Use of Radar.io (Mapping API for geofencing) at HackUMass 2020
- Created a virtual scavenger hunt webapp that allows a game creator to pick IRL locations for players to find
- Lead the front-end development using HTML/CSS, Bootstrap, and Javascript

Vitality – MAHacks II

June 2017

- Won 3rd place at MAHacks II
- Created a health/fitness focused Google Chrome extension that showed exercises and recipes to the user
- Taught other team members basic HTML/CSS and Github to work together efficiently

Idyllic – Technovation App Challenge

December 2016

- Created Idyllic, a mobile app that helps students with stress and sleep deprivation using MIT App Inventor
- Lead of Technological Development and Financial Planning
- Wrote a business plan outlining our target customers, marketing strategies, financial plan
- 1 of 4 final teams chosen at MA Showcase to pitch our app and business/financial plan

SKILLS

Technical: Java, HTML/CSS, Javascript, C, GitHub/GitLab

Languages: Conversational Cantonese, Basic French