

Tiffany Yu

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Education

- Dartmouth College Expected Graduation: June 2021
 - Major: Computer Science
 - Minor: Human-Centered Design
 - Courses: Data Structures, Discrete Math, Algorithms, Machine Learning, Database Systems, UI/UX Design, Security and Privacy, Artificial Intelligence
 - Rufus Choate Scholar (1st Honor Group / Top 5%)
 - GPA: 3.81/4.0

Technology Experience and Projects

- Technology Experiences: Python, Java, C, Swift, SQL, Matlab, Tableau, Alteryx, and Figma
- BAC Bracelet: wearable breathalyzer that uses LED lights to indicate the level of intoxication
 - Programmed Arduino and a custom made circuit board using C
 - Served as team manager for a group of 6 students
- “The Pet Planner”: a to-do list for families to keep track of when their pets were attended to
 - Programmed using Swift, Parse, and Git
 - Allow users to create an account, add profiles for each pet, customize pet needs, check off when tasks were completed, and email others about when the pet was last attended to

Work Experience

- Program Manager Intern at Microsoft 2020
 - Created user experiences that drive adoption for Microsoft Information Protection
 - Engaged with customers to determine pain points and gathered feedback on ideas
 - Collaborated across teams with designers, developers, and customer experience members
- Data Analytics Intern at Phillips66 2020
 - Analyzed and ingested over 50 Excel sheets of company data using Alteryx
 - Created 10+ dashboard visualizations of findings with Tableau with over 100 views
 - Trained 50 people on Tableau and Alteryx
- Tutor for Intro to Computer Science and Engineering 2018-
 - Solidified students understanding of course material
 - Helped students think about, work through, and debug labs
- Designer for Dartmouth Applied Learning and Innovation (DALI) Lab 2019
 - Conducted User Research and Interviews
 - Used Figma to redesign and improve the UI/UX of Chuzqo’s website
 - Help increase user engagement
- Pricing Analysis Intern at TC Energy 2018
 - Used Excel and Monte Carlo Pricing System
 - Increased efficiency of mark to market reporting by 30% by automating calculations
 - Established 8-4 budget report and a summary packet of ROFR processes for each pipeline

Involvement

- Women in Computer Science 2017-
 - Positions: President (2020-), Company Connections (2019-2020), Treasurer (2018-2019)
 - Host technical workshops and research and grad school panels
 - Coordinate company visits
- Dartmouth Entrepreneurship Network (DEN) 2017-
 - Learn from business school professors and speakers about Entrepreneurship
 - Attend Entrepreneurship Conferences
- Kappa Delta Sorority 2018-
 - Positions: House Manager, Academic Excellence Chair, Programming Chair