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EMPLOYMENT

Secretary of Technology   **UMass Student Government Association**   **May 2020 -**
- Responsible for all technology-related aspects of the organization
- Wholescale redesign of the SGA website, a university-hosted WordPress-based site, load times cut in half
- Pioneered and developed an official guided tour iOS experience for the university in collaboration with University Relations and Admissions
- Took the lead on a variety of COVID-19 related initiatives: online student resource hubs, a virtual student veteran resource center, and brand-new COVID special elections pages.

Engineering Intern   **Bin1 ATE, LLC – Ashland, Mass.**   **Summer, 2019 & 2020**
- Worked at a startup specializing in automated test equipment for semiconductor manufacturing
- Gained hands-on experience with precise instrumentation, electronics and complex software design
- Skills developed include procedure & documentation creation, PCB design, and embedded software design

Shift Leader   **Dunkin' Donuts – Bridgewater, Mass.**   **Nov. 2016 – January 2019**
- Worked at a popular coffee and food chain throughout high school and into first semester of college
- Gained years of experience working in a fast-paced, high pressure environment

EDUCATION

Amherst, Mass.   **University of Massachusetts Amherst**   **Anticipated May 2022**
- B.S. in Computer Science, Political Science – cumulative GPA: 4.0
- Relevant Undergrad Coursework: Programming w/ Data Structures, Computer Systems Principles, Reasoning Under Uncertainty, Programming Methodology, Calculus I, II, III, Linear Algebra

PROJECTS

- **Sole Developer - UMass Campus Tour** (2020). Collaboration with the University of Massachusetts on an official iOS campus tour experience, targeted at prospective students. User-friendly design, GPS walking guidance, voice narration, and campus navigation. Swift, SwiftUI
- **Creator – Béton3** (2020). Arduino-based open-source macro pad design hosted on GitHub. Custom firmware, CAD designed chassis, laser-cut bezel, and concrete cast volume knob. C, Illustrator, Autodesk
- **Sole Developer – UMass BRUT iOS App** (2020). Collaboration with the UMass Amherst & Dartmouth-based advocacy group UMass BRUT on a showcase iOS application designed to highlight Brutalist architecture at both university campuses, coinciding with their symposium in Oct. 2020. Swift, SwiftUI
- **Sole Developer – UMass Campus Architecture** (2020). A content-rich iOS interactive guide designed to highlight the stunning architecture of the UMass campus in Amherst, Mass., featuring 132 points of interest across campus. My first venture into iOS development. Swift, SwiftUI

ADDITIONAL EXPERIENCE AND AWARDS

- **Volunteer, Center for Education Policy and Advocacy (2019 -):** Volunteer with an activist group, active in the Food Justice campaign, advocating for a more just food system
- **Columnist, Massachusetts Daily Collegian (2019 -):** Published in the university's student newspaper
- **Volunteer, MassPIRG (2019 -):** Volunteer with the Massachusetts Public Interest Research Group, mostly around climate change policy advocacy
- **Senator, UMass SGA (Apr. 2019 – May 2020):** Completed a variety of projects: reusable bags for UMass Dining Services, Fine Arts Center wayfinding improvements, and parking ticket outreach program
- **Awards:** Dean's List (all semesters), John and Abigail Adams Scholarship, David C. Knapp Scholarship

LANGUAGES, TECHNOLOGIES, AND SKILLS

- Java; JavaScript; C; Java; Swift; SwiftUI; Python; HTML; CSS; Linux; macOS; iOS
- Xcode; Eclipse; Visual Studio; CAD (Autodesk); Photoshop; Illustrator; Arduino IDE
- teamwork; leadership; communication; management; strategy; graphic design; user experience