

BERNARDO BURNES

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EDUCATION

Dartmouth College, Hanover, NH

Bachelor of Arts, Major in Quantitative Social Sciences, Minor in Human-Centered Design

GPA 3.73/4.00

- **Relevant Coursework:** Design Thinking, Data Visualization, Research Methods, System Dynamics in Policy Design and Analysis, Composition and Research, Modern Statistical Computing, Evolutionary Game Theory
- **Skills:** Native Spanish, Figma, Adobe Creative Suite, Microsoft Office, Python, R, Stata, Wireframing

RELEVANT EXPERIENCE

Lifelong Learning, Dartmouth, NH

Aug 2024–Present

Program Coordinator

- Led cross-functional coordination between alumni, faculty, and stakeholders for implementing Lifelong Learning programs
- Recruited student workers and managed alumni travel databases, including data entry, traveler profiles, and trip assignments
- Coordinated logistics for events and meetings, including scheduling, travel arrangements, and material preparation

Dali Lab, Dartmouth, NH

Sept 2022–June 2024

UI/UX Designer

Product Delivery

- Developed an EPIC pop-up interface to streamline treatment discussions during routine office visits for physicians
- Combined capabilities of three application systems to create an easy-to-use Enterprise system for professors, students, and admin for undergraduate research funding applications
- Developed a gamified pet simulation mobile app to increase recycling engagement on campus
- Led design from ideation to launch in a cross-functional 8-person team of designers, engineers, and product managers

Research and Writing

- Drafted product specification proposals and conducted market research using different quantitative and qualitative research methodologies, including focus groups, competitor analysis, user interviews, surveys, regression analysis, and polling
- Used iterative design methodologies such as remote usability testing and field studies to resolve customer pain points

Client Engagement

- Led weekly client meetings to present research findings and develop design decisions, ensuring that insights were effectively communicated and integrated into project strategies
- Coordinated feedback meetings with target users and created a report to share findings with clients and team members

Tex-Tube, Houston, TX

June 2023–Aug 2023

Data and Operations Intern

- Reduced the number of defective metal pipes produced by 30% after conducting quantitative analysis identifying a correlation between high daytime temperatures and defective products in Quality Control data spanning 3 years
- Conducted bilingual user research interviews with operators and mill workers to identify productivity challenges
- Created a written report with research insights for stakeholders with visualizations of trends in production issues and return on investment (ROI) on recommendations including adding ventilators in strategic areas of the production floor

Health Leads, Contra Costa, CA

June 2021–Sept 2021

Finance and Fundraising Intern

- Designed an indicator datasheet to standardize the financial evaluation of 27 foundations as potential health program co-sponsors
- Created individual fundraising strategy reports that included success metrics and retention plans for each foundation
- Developed a stakeholder mapping analysis tool that identified healthcare trends and future fundraising partnerships

LEADERSHIP EXPERIENCE

Sigma Epsilon Chi (The Tabard), Dartmouth College, NH

March 2023–April 2024

President

- Managed a yearly budget of \$30,000 to coordinate social media campaigns, and philanthropic and social events, including managing external vendors and venues for end-of-term gala, and inter-house Greek socials
- Organized weekly executive board meetings for strategic planning, consensus building, and the execution of critical decisions for an undergraduate gender-inclusive Greek organization with over 70 members

Dartmouth College Residential Life, Hanover, NH

Sept 2021–June 2023

First-Year Undergraduate Advisor

- Mentored 26 first-year students throughout their transition to a dormitory-style living community for 3 terms
- Led a 5-week program aimed at preventing substance abuse and sexual misconduct in my housing community

INTERESTS

Society of Hispanic Professional Engineers, People of Color Outdoors (Dartmouth Club), downhill skiing, surfing, virtual reality