

Multidisciplinary leader passionate about designing and building software products for social good.

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| Education | Massachusetts Institute of Technology (MIT) BS in Computer Science and Urban Science & Planning. Minor in Entrepreneurship & Innovation. 5.0/5.0 GPA. <i>Selected Coursework:</i> Software Design, Data and Society, Entrepreneurial Founding and Teams | Cambridge, MA Expected 2025 |
| Skills | Product management; software development; UI/UX design; entrepreneurship; machine learning; data science. Languages: Python, JavaScript/TypeScript, HTML/CSS, SQL, R; Frameworks/libraries: React, Vue, Svelte, Google Firebase, MongoDB, TensorFlow, D3.js, NumPy, pandas; Software/tools: Figma, Tableau, QGIS. | |
| Experience | Product Management Intern, Suno Led development of product features from ideation (including UI design) to launch. Helped improve user engagement and retention. Conducted foundational user research to inform mobile app product strategy. Innovation Fellow, The Lab @ Massachusetts Department of Transportation Worked across disciplines and domains to spearhead new approaches to civic innovation; designed and tested solutions to improve transportation safety and transit experience for residents across the state. Assistant Policy Associate, Transportation for America Led authorship of a paper on travel demand modeling submitted to the national Transportation Research Board, conducted research on transportation technology and policy, and met with members of Congress. Data Analytics Fellow, City of Boston Led an interdepartmental project examining health inequities between Boston neighborhoods. Presented findings to City & Boston Public Health Commission stakeholders to inform future policy recommendations. | June 2024–August 2024 January 2024–February 2024 June 2023–August 2023 June 2022–August 2022 |
| Research | Undergraduate Researcher, Software Design Group at MIT CSAIL Used generative AI to produce custom full-stack web app code through concept-based design frameworks. Undergraduate Researcher, Data + Feminism Lab at MIT Co-designed and built software for Indigenous community data collection, storytelling, and activism. Undergraduate Researcher, Civic Data Design Lab at MIT Analyzed and visualized Central American migration data using Python and JavaScript (D3.js); designed and developed components of a digital exhibition presented at the United Nations World Food Program. Research Assistant, Wang Research Group at the University of North Texas Led design and development of ML models (TensorFlow) and computational tools for cancer diagnosis and treatment. Produced multiple award-winning independent research projects (viewable at juliacamacho.com). | February 2024–June 2024 September 2022–June 2023 January 2022–June 2022 August 2018–August 2020 |
| Leadership | Founder and President, GrassrootsGov Founded and built grassrootsgov.org , a startup reimagining digital activism and political engagement. Designed product vision & UI/UX (150+ user features and 100+ app pages), and led software development (React, Tailwind CSS, Firebase) & marketing teams (15+ people). President, MIT Ethical Technology Initiative Organized and led events and discussions about topics & research in algorithmic fairness, AI ethics, and more. Executive Board Member, MIT Asian American Initiative Organizing events for hundreds of students & leading campus advocacy teams (asianamerican.mit.edu/recs). | October 2020–May 2022 August 2022–December 2023 May 2022–Present |
| Selected Awards | Grand Prize (top team out of 1000+ competitors), HackMIT 2020 4th Place in Computational Biology , Intel International Science and Engineering Fair (ISEF) 2019 <i>(all projects viewable at juliacamacho.com)</i> | |