

EXPERIENCE

Founder at Mycelium (a crowdsourced dataset to power AI in biotechnology)

AI4Impact course Sep 2022 - Dec 2022; Link Ventures Jan 2023 - Apr 2023

- **Delivered Demo Day pitch, awarded highest pre-seed funding from venture capitalist judges**
- **Incubated with Link Ventures, devised and executed customer discovery strategy to identify biotech need for histology annotation**

Founder and CEO at Torte (a mobile ordering and payment application for restaurants)

Part-time Jan 2019 - Aug 2019; Full-time Sep 2019 - Jul 2022

- **Conceived, designed, programmed, and launched multi-sided platform on iOS, Android, and web**
- **Eliminated order mistakes and reduced server time at tables by over 33% after introducing collaborative ordering and item-level bill splitting**
- **Increased app usage by 2.2x per table by implementing new authentication flow and UX**
- **Gained customer empathy by acting as server to directly observe and respond to user feedback**
- **Generated nearly \$8,000 in sales operating across four restaurants with more than 200 users**
- **Filed for intellectual property protection, established novelty through competitive market analysis**
- **Piloted bill splitting UI/UX by releasing free scan-and-split OCR alpha product**

PhD Candidate at the Massachusetts Institute of Technology (Feng Laboratory)

Sept 2015 - Feb 2023 (part-time during Torte and Mycelium)

- **Initiated and led two projects awarded over \$1M in funding by proposing innovative genetic engineering and gene therapy approaches to Autism Spectrum Disorders**
- **Published peer-reviewed article analyzing technical data and offering guidance based on insights**
- **Managed four reports while coordinating among cross-functional teams to advance project goals**
- **Taught recitations for Introductory Biology and Cellular Neurobiology as seminar leader**

Research Technician at the University of Michigan (Kwan Laboratory)

Oct 2013 - Jul 2015

- **Developed multi-step process to study protein translation in the dendrites of neurons**
- **Oversaw two undergraduates students and trained entire lab on new experimental protocol**

EDUCATION

PhD from the Massachusetts Institute of Technology

Graduated Feb 2023 in Biology (research focus: neurobiology)

Advocated for peers as founding member and representative of Biology Graduate Student Council

MSE from the University of Michigan

Graduated May 2013 in Biomedical Engineering (concentration: biotechnology)

BS with Honors from the University of Michigan

Graduated Apr 2012 in Cellular and Molecular Biology

SKILLS

- **Programming skills:** Javascript, NoSQL, React Native, React, React Navigation, Redux, Python, SQL
- **Software tools:** Git, Google Cloud, R, Matlab
- **Design platforms:** Illustrator, Figma, Photoshop
- **Business/other:** Product management, market research, data analysis, experimental design

COMMUNITY AND PERSONAL

- **Side projects:** r/vexillology contest site; web scraper to find Seattle apartment
- **Faculty at Oxbridge Academic Programs** instructing high school students in neuroscience (2019)
- **Volunteer at Peace Neighborhood Center** mentoring students 6th-12th grade (2013-2015)
- **Mushroom forager, fermenter, beekeeper, vexillographer (flag design), golfer, tea enthusiast, gamer**