# Steve Colvin, PhD   steve.colvin@alum.mit.edu · 248.891.4781 · Seattle, WA · **LinkedIn** · **website**

## 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