

Mark Ansell

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Education

University of California, Berkeley

B.S. Mechanical Engineering, *College of Engineering*
B.S. Business Administration, *Haas School of Business*

2015 - 2019
2015 - 2019

Trinity College Dublin – Ireland

Study Abroad, Spring 2018

Work

Microsoft

Redmond, WA

Program Manager – Mechanical Engineering

February 2020 – Present

- System level engineering program manager, Surface

Program Manager Intern – Mechanical Engineering, Team: Surface Laptop

May - August 2019

- Led 25% performance improvement project at the system level for Surface Laptop
- Defined 4 relevant metrics (for chipset, thermal module, fan, assembly), wrote a product spec for testing variation within each, and collected quantitative data at lab in Redmond and by traveling to factory in China
- Built 2 units at the high and low end of performance and ran user study to gather qualitative feedback that focused the team on enhancing features consumers preferred and eliminating features consumers disliked
- Worked cross-functionally across 12 teams: user research, mechanical engineering, quality, marketing, etc.
- Created and led STEM outreach event involving 15 Microsoft employees and 60 students and their parents

Program Manager Intern – Strategic Sourcing, Team: Chipset, Memory & Wireless

May – August 2018

- Developed detailed analysis of 5G wireless technology and potential impacts for Microsoft Devices
- Identified 6 key subsystems that would change with introduction of 5G (enclosure, antenna, etc.)
- Defined 4 key inputs and built a schedule for launching Microsoft's first 5G device
- Led 4 weekly meetings to prepare 2-year strategic recommendations to management for chipset and memory

Apple Inc.

Cupertino, CA

Engineering Program Manager Intern – Macintosh

January – August 2017

- Managed activities to sustain high volume production of shipping Mac Desktop and Portable products
- Led 16 cross-functional teams (quality, engineering, operations, etc.) to test & integrate identified solutions
- Prevented potential \$60,000,000 revenue loss with expedited action to maintain production line output through leading urgent qualification of alternate vendor for 100+ fasteners and bosses on 13" and 15" MacBook Pros
- Increased speed of internal project management software 600% by managing team of 3 software engineers
- Received highest performance evaluation manager had given in his 7 years at Apple

Leadership

Co-founder, The Tech Twins

January 2018 – Present

- Co-created educational YouTube channel to inspire and prepare students to work in the tech industry
- Reached 200,000 views and 2,600 subscribers; link: [youtube.com/thetechtwins](https://www.youtube.com/thetechtwins)

Co-founder, Momentum Speaker Series – Berkeley Engineering

October 2016 – December 2019

- Pitched and co-created Berkeley Engineering's 1st student speaker series, to encourage career collaboration
- Event topics focused on (1) internships, (2) entrepreneurship & startups, and (3) resilience
- Led marketing team of 3 students; expanded to UC Davis & Microsoft
- Hosted 8 events, 55 speakers and 400 students; link: engineering.berkeley.edu/momentum

Honors

Culture of Haas Award, Students Always – UC Berkeley Haas School of Business

April 2019

Speaker – TEDxTrinityCollegeDublin

March 2018

Pi Tau Sigma, Mechanical Engineering Honor Society – invited member

2017, 2018, 2019

Benjamin A. Gilman International Scholarship – U.S. Department of State

November 2017

Elks Top Male Most Valuable Student Scholar – 1/10,000 applicants and \$50,000 awardee

April 2015

Key Skills and Interests

Skills: Program management, programming in MATLAB, 3D modeling **Interests:** Public speaking, snorkeling, traveling