

NOAH MACCALLUM

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I care deeply about applying technology to healthcare and education to simultaneously improve quality, improve access, and decrease cost.

I've built expertise in a wide variety of disciplines. **Product** is my strongest skillset: at Forward I dramatically improved company-level growth, economics, and medical quality metrics, and at Microsoft I've launched exciting new products on an incubation team. I've also gone deep on **software engineering**, building new systems to increase efficiency of care delivery, and creating new experiences with medical devices and data. I've gone deep on **ML/Data Science**, being a key resource for all analysis and ML needs. I've also done **academic research** at Harvard and MIT, working on cancer drugs, stem cells, and various medical device projects. I was fortunate enough to co-author five papers, with a combined 500+ citations.

EXPERIENCE

PRODUCT MANAGER, FORWARD • 10/18-10/20

- Forward's 2nd PM, focusing on a wide array of projects to improve growth, economics, and medical quality.

SOFTWARE ENGINEER, FORWARD • 10/17-10/18

- Forward's 18th engineer. Full stack (React/Go/C++), creating great consumer experiences from cutting-edge research and devices and building systems and features for the EMR we built from scratch.

DATA SCIENTIST, MICROSOFT • 9/16-10/17

- Became the team's primary resource for analytics and ML, translating research into real products.

PROGRAM MANAGER, MICROSOFT • 1/14-9/14, 9/15-9/16

- First: Internship on Bing Core Relevance team, focusing on ML and metrics.
- Second: Full time on the Loop team, helping define and launch new projects in mobile, ML infra, and AR/VR.

MATERIALS SCIENCE RESEARCH, HARVARD (WYSS INSTITUTE) • 9/12-5/13

- Projects: Better, cheaper catheter materials; stain-resistant fabrics, and a DARPA device to cure sepsis.

TISSUE ENGINEERING RESEARCH, MIT • 1/12-5/12

- Projects: Microfluidic stem cell capture, new methods for tissue/organ culture.

PHARMACEUTICAL RESEARCH, OICR • 5/11-9/11

- Projects: Creation and pre-clinical validation of a nanoparticle for improved small molecule drug delivery.

EDUCATION

UNIVERSITY OF WATERLOO – HONORS NANOTECHNOLOGY ENGINEERING

Co-Founder, UW Product Vision Club; Co-Founder, UW Apprentice; Member, No. 6 Literary Fraternity (@MIT)