

Hello. I'm David J. Rappaport.

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I'm an innovator, a deep generalist, and a believer in creating things which meaningfully touch and improve people's lives. I bring a rare combination of leadership, engineering, and user experience design skills, and I draw on all of these to craft solutions to real-world problems. I have a track record of highly impactful creativity, innovation, and perseverance; at Microsoft, I grew personal side projects into shipping products. I have collaborated with artists and audiologists, startups and corporations, and in each case I have been recognized for my ability to tackle complex, abstract problems and build elegant, practical solutions. As a leader, I excel at uniting diverse teams under a common vision, leveraging excellent communication skills, a keen eye for detail, and an empathetic approach which brings out the best in others. I believe in approaching each new challenge with authenticity and a willingness to grow, and I strive to bring this mentality to my work every day.

Experience

2022 - Present

Product Manager | **Whisper.ai**

– Building a new class of hearing aid that uses AI to improve over time and outperforms the competition in difficult listening environments. My work at Whisper (a Forbes AI 50 startup) has spanned product design, in-depth engineering collaboration, regulatory strategy and clinical trial execution, FDA interactions, and more.

2017 - 2022

Program (Product) Manager | **Microsoft Applied Sciences Group**

– Ground-up product development in a fast-paced incubator for Microsoft's Devices business. I led multidisciplinary teams (electrical, software, mechanical, design, research, sales, marketing, etc.) to create products which harness cutting-edge tech to deliver novel user experiences (e.g., [Surface Hub 2 Smart Camera](#)).
– Authored multiple patents; founded adaptive hardware initiative to make computing more accessible for people with disabilities, which won first place in company hackathon and went on to become a shipping product.
– Grew within this role across several promotions, from Program Manager I/II to Senior Program Manager.

2016 - 2017

Electrical Engineer | **Microsoft Applied Sciences Group**

– End-to-end development (requirements through bringup) of various projects involving custom hardware, firmware, and software.

Education

Class of 2020

MS in Human Centered Design & Engineering | **University of Washington, Seattle**

– 2020 recipient of Graduate Award for Academic Excellence. Graduated at top of class, achieving 4.0/4.0 GPA while working full-time. Notable coursework: Interaction Design, Usability Studies, Engineering Innovation in Health, Inclusive Technology Design, Information Visualization, Qualitative Research, Experimental Research.

Class of 2016

BS in Electrical & Computer Engineering | **University of Colorado, Boulder**

– Graduated with honors. Emphasis in digital signal processing. Held multiple TA and leadership positions within the College of Engineering and the Engineering Honors Program.

Additional Roles

2020

Engineering Consultant | UW Engineering Innovation in Health

– Consulted and mentored on a variety of medical device projects in the context of an academic engineering/health sciences incubator. Particular focus on embedded systems design and software prototyping.

2020

Independent Collaborator | Shift Labs

– As my MS capstone project, I worked with medical device startup Shift Labs to design the user experience for the next generation of the DripAssist infusion rate monitor. Work included foundational research and multiple rounds of interaction design, prototype creation, and testing with clinicians.

2012 - 2015

FIRST Robotics Lead Mentor | Fairview High School

– Having experienced the impact of a high school robotics program firsthand, I took on the lead mentor/coach role with a local robotics team, teaching high school students how to apply engineering principles and building a positive and fun team environment in the context of a competitive robotics competition.

2012 - 2015

Internships

– I completed multiple internships during my undergraduate years, including:

Microsoft Applied Sciences Group (2015)

Microsoft Surface (2014)

National Instruments (2013)

Webscan (2013 - 2014)

EMTech (as engineering consultant, 2012)