Haochen (Hao) Zeng

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PROFESSIONAL SUMMARY

Technical background PM with AR/VR, robotics, and software engineering expertise. Proven track record leading cross-functional teams and translating research into product requirements for immersive technologies and robotics platforms.

EDUCATION

UNIVERSITY OF WASHINGTON   **Seattle, WA**
M.S. Robotics Technology Innovation, GPA 3.96/4   **Sep. 2023 - Mar. 2025**

UNIVERSITY OF ROCHESTER   **Rochester, NY**
B.S. Business Analytics, B.A. Computer Science, GPA 3.6/4   **Aug. 2018 - May 2023**

EXPERIENCE

CSDN (largest Chinese Software developer community worldwide)   **Beijing, CN & Remote**
Technical Writer · Part-time   **Apr. 2023 - Present**
- Developed weekly technical SWE articles reaching 200k+ views across the software developer community.
- Facilitated partnership discussions with the Linux Foundation and Futurewei for KubeCon and GOSIM conferences.
- Conducted tech interviews with AI pioneers like Stuart Russell, Joel Lehman, among other notable experts.
- Developer Advocate for GOSIM GOSIM open source community, developing brand strategy and content roadmaps, implementing cross-platform social media campaigns that delivered 30% quarterly follower growth.

Aigen (autonomous weeding robotics company)   **Seattle, WA**
Robotics Product Engineer · Apprenticeship   **Sep. 2024 - Mar. 2025**
- Led a 4-person team conducting 20+ farmer interviews, identifying key pain points in robot data utilization and creating user personas to inform product strategy
- Validated farmer requirements through iterative user testing, prioritizing data visualization and map integration features that drove a 70% increase in user adoption
- Developed comprehensive product roadmap, prioritization matrix, and AWS architecture to enable scalable data processing for data-driven agricultural solutions
- Converted complex data into actionable insights, resulting in 30% reduction in chemical usage and streamlined decision-making

Wright Runstad & Company (real estate company)   **Seattle, WA**
AR Product Manager· Apprenticeship   **Mar - Aug. 2024**
- Conducted 10+ interviews and observations to identify navigation challenges and commercial discovery opportunities
- Uncovered key user insights, enabling targeted solution development based on actual behavior patterns
- Designed QR-triggered AR wayfinding solution for seamless indoor/outdoor navigation and business discovery
- Developed PRD translating user research into technical specifications aligned with strategic business objectives
- Validated solution effectiveness through 70+ user surveys and A/B testing, demonstrating 45% improvement in navigation efficiency and 50% increase in commercial engagement

CAMPUS ACTIVITIES & LEADERSHIP OPPORTUNITIES

MLH DandyHacks - Annual Hackathon event at UR   **Rochester, NY**
Director 2021, Communications Team Member 2020   **Mar. 2020 - Mar. 2022**
- Led planning for 36-hour hackathon, managing 14 team members across 5 functional areas, delivering 50% YoY growth as the first post-pandemic in-person MLH event
- Executed data-driven strategy, securing $20K fundings (25% above target) from Google Cloud, M&T Bank, etc.
- Implemented user journey optimization, introducing workshops that increased project completion rates by 70%
- Established agile team structure with weekly sprints and tracking systems, achieving 100% on-time milestone delivery
- Created integrated marketing campaign with cross-channel branding, attracting 700+ participants and 38 projects
- Built comprehensive metrics framework with surveys and ROI analysis to guide future event planning

SKILLS & INTERESTS

- **Technical Skills:** Python, Java, JavaScript, AWS, Git, React, SQL, ROS, AR/VR development
- **Project Management:** Agile, Scrum, Jira, Sprint planning, CI/CD pipelines, Kanban
- **Product & Analysis:** Product roadmapping, PRDs, User research, Data visualization, OKRs, A/B testing, Prototyping
- **Design & Tools:** Stakeholder management, Data analysis, Wireframing, Figma