

# PRATEEK SAHAY

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## EXPERIENCE

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**Waymo** *Google's self-driving vehicle division. Mountain View, CA*

*Senior Product Manager*

**Jul-Nov 2022**

- Successfully launched high-visibility cul-de-sacs feature from concept to production. Tested feature extensively by taking rides around SF. Conducted analysis after launch and discovered 100% success rate.
- Led cross-functional Offhail Parking working group. Led meetings, assigned tasks, drove deadlines, and presented progress to leadership. Launched autonomous operations in 3 parking lots, reducing ops by 50%.
- Led execution of high-visibility and critical parallel parking feature from concept to launch.

*Product Manager Intern*

**Summer 2021**

- Wrote PRD to address widespread fleet charging issue. Got buy-in, implemented solution, and resulted in 77% fewer emergency charges. Reduced growth rate of emergency charges by 92%. Presented to product leaders.

**Uber Advanced Technology Group** *Uber's self-driving vehicles division. Pittsburgh, PA*

*Software Engineer*

**May 2019-Jun 2020**

- **Product Leadership:** Prototyped and scaled blended LIDAR simulation tool by obtaining buy-in from multiple teams and leading cross-team production scale-up. Final pipeline reduced bugs by 50%.
- **Technical Skills:** Enabled developers to continue testing against adverse driving events by devising a method to restore 33% previously unrecoverable logs of such events, thus further improving the underlying automation software.
- **Product Design:** Co-led technical development of metrics pipeline for performance in current cities and predicting performance in new cities. Worked closely with PM to prioritize team tasks. Result was a dashboard that gave developers live feedback on current self-driving car performance and increased developer efficiency.

**Sikorsky Aircraft** *Autonomous aircraft team at a helicopter manufacturer. Stratford, CT*

*Software Engineer*

**Jun 2015-Apr 2019**

- **Product Leadership:** Led 3-person team to develop perception stack from concept to demonstrations for DARPA ALIAS program. Chose and delegated priorities. Team eventually won out of a cohort of 3 companies and received a multimillion-dollar contract.
- **Communication Skills:** Translated requirements from customer meetings to engineering and UX teams for human-machine interface device. Resulted in increased customer satisfaction, more funding, and 7 patents.
- **Technical Skills:** Developed safety-critical landing-zone (LZ) algorithm from concept to production. Algorithm automated a previously error prone manual LZ detection process and won the President's award.
- **Customer Focus:** Initiated meetings with customers on behalf of engineering team. Presented at quarterly presentations, collected user feedback, and constructed requirements for the engineering team.

## EDUCATION

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**University of California, Berkeley**

**May 2022**

*Master of Business Administration, Haas School of Business*

*Master of Engineering, Robotics & Autonomous Systems, College of Engineering*

- Relevant classes: Leadership Communication, Product Management, R&D Technology Management
- **Product Leadership:** Co-founder and CTO of two student-run startups with funding and led MVP development.
- Haas Technology Club, AI Affinity Group, Participant in Haas Tech Challenge

**Worcester Polytechnic Institute**

**May 2015**

*Bachelor of Science, Robotics Engineering*

*Bachelor of Science, Mechanical Engineering*

- Relevant classes: Vehicle Path Planning, Robotic Manipulation, Computer Vision, Machine Learning
- Self-driving golfcart capstone project, Rho Beta Epsilon Honors Society, Dean's List

## ADDITIONAL

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- Hobbies: Badminton, photography, woodworking
- Technical skills: Linux, C/C++, Python, Jupyter, Java/Android, HTML/CSS/JS, rapid prototyping