Abhinav Sriram

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EDUCATION

BROWN UNIVERSITY

Sc.M. (Master of Science) in Computer Science | Fall 2022 - Spring 2023 | GPA: 4.0
- Distributed Systems • Blockchains and Cryptocurrencies • Programming Languages • Formal Methods • Artificial Intelligence
- Working on a Thesis in the Blockchain space advised by Dr. Maurice Herlihy.

Sc.B. (Bachelor of Science) in Computer Science | Fall 2019 - Spring 2023 | GPA: 4.0
- Object-Oriented Programming • Algorithms and Data Structures • Computer Systems • Software Engineering • Engineering Design
- Intro Micro/Macro Economics • Advanced Microeconomics • Financial Markets • Decision Making • Management of Organizations
- Multivariate Calculus • Linear Algebra • Statistical Inference • Discrete Structures and Probability

SKILLS

- Programming Languages - Java, JavaScript, Python, HTML/CSS, C, Go, Racket, x86 Assembly
- Technologies - React, React Native, Git, Spark, Selenium, SQL, NoSQL, Docker
- Design - LaTeX, Figma, Framer, Procreate, Photoshop, Illustrator

EXPERIENCE

MICROSOFT | Product Manager Intern
Summer 2022 | Redmond, WA
- Coming back to Microsoft for another summer to continue building the world's most secure cloud.

STEALTH STARTUP | Co-founder
Spring 2022 | Providence, RI
- Building something new at the intersection of climate change, philanthropy, and blockchains.

BROWN UNIVERSITY | Research Manager
Fall 2021, Spring 2022 | Providence, RI
- Leading a team of 20 developers building a Deep Learning powered visual prosthesis device at the Paradiso Lab in the Neuroscience Department. Hired all 20 developers, reviewed 100+ applications and conducted 50+ interviews.
- Devised GTM plans, pivoting from proprietary software and IP protected hardware to open-source software and relaxation of IP protection to explore partnerships with HCI lab, 3D ML and CV lab, and industry efforts to accelerate development.
- Currently undergoing active testing at Providence VA Medical Center with active feedback loop allowing for quick iteration on hardware product. Multiple grants secured via partnership with VA allowing for hire of full-time employees to further move up GTM timeline.

MICROSOFT | Product Manager Intern
Summer 2021 | New York, NY/Redmond, WA/Herzliya, Israel
- Drove project exploring use of Azure Firewall, originally built for IaaS environments, to now protect egress traffic from PaaS applications.
- Developed mock-ups and high-level feature spec docs outlining application agnostic opportunities that could result in $10 to $50 million increase in monthly revenue. Developed detailed technical spec docs outlining specifics of integration with Kubernetes (AKS) for POC.
- Identified future threat to Azure Firewall that would result in loss of 30-40% of existing customers and developed concrete mitigation plans by working closely with external consultants who work with SMB - the segment in which we would lose most customers.
- Conducted 100+ hours of customer interviews with Azure Top 50 Customers (Walmart, Kroger, Danone, P&G etc.) and worked very closely with CSAs, PMs, Engineers and Designers to make data driven and technically feasible recommendations.

AMGINE INK | Product Engineer Intern
Summer 2020 | Los Angeles, CA
- Wrote proprietary recommendations and scoring algorithm in JavaScript driving app and game logic with over 80% accuracy.
- Focused on maintaining 90% user retention rate using gamification while transitioning to subscription model (from free model).
- Worked closely with engineering, UI/UX, game design, and marketing teams to redesign MVP from scratch as a cross platform React Native app. Prototyped, iterated and developed hi-fidelity wire-frames using Figma working closely with CEO.

FUJI ELECTRIC | Product Manager Intern
Summer 2020 | Chennai, India/Tokyo, Japan
- Performed market sizing & identified key insights from 1 million+ data points on competitors, for Indian consumer electronics product.
- Researched and identified KPI metrics for company's first D2C product and performed competitive/SWOT analysis of current market leaders & then worked closely with marketing, engineering, and sales teams to develop competing product based on this analysis.
- Identified poor customer service as key weakness of competitors & worked with outsourced software firm and external servicing company with nationwide network to deploy superior automated customer service solution projected to reduce costs by up to 80%.

ALMA MATTERS | Software Engineer Intern
Summer 2019 | Santa Clara, CA
- Wrote proprietary college matching algorithm in JavaScript that makes REST API calls to an Airtable database of colleges with various metrics collected using a Selenium based Python script. The algorithm was directly integrated into existing product.
- Authored articles on college application process, recorded podcasts, answered questions on online forum and helped maintain website.
- Worked closely with CEO to grow user base by developing and deploying targeted advertisements for Asia and the Middle East.