



HI THERE, I AM

AVANTHIKA RAMESH

PRODUCT MANAGER | ENTREPRENEUR | DESIGNER |
INNOVATOR | SOFTWARE ENGINEER

As a product enthusiast, inveterate techie, entrepreneur, and thought-leader, I aspire to play a key role in every stage of the product cycle and maximize efficiency in a constantly evolving environment through creative solutions. My management philosophy is humanistic yet results-driven, and involves motivating team members to translate knowledge into results.

EDUCATION

UC BERKELEY M.E.T. CLASS OF 2020
Management, Entrepreneurship, Technology Program
B.S. Electrical Engineering, Computer Science
UC Berkeley College of Engineering | GPA: 3.7
B.S. Business Administration & Management
UC Berkeley Haas School of Business | GPA: 4.0

Hard Skills

Python, C
Java & Javascript
ReactJS
Go-Lang
XCode
SQL & Databases
HTML/CSS
RESTful API
AI/Machine Learning
Data Visualizations
Google Cloud Platform
Agile & Scrum
JIRA/Confluence
Wireframes & Mockups
Human Centered Design
Figma, Adobe XD
Arduino/ Beacons

Soft Skills

Customer Relationship Mgmt
Cross-functional Team Mgmt
Delivery of creative solutions
Thought-Leadership
Product Strategy
Risk Management
Public Speaking
Planning & Ideation
Presentation / Decking
Prioritization
User & Market validation
Defining OKRs & MBOs
Analytical skills
Collaboration and teamwork
Resilience
Negotiation / Conflict Mgmt

Mobile & Web Projects

- Qcard- A secured QR-code for digital information storage
- TickIn- Fool proof, low-cost, attendance solution using bluetooth tech.
- Roofable - Data platform for seismic grant search & shelter protection
- BlockID - Digital ID verification platform using blockchain technology
- SongQ - Leverage BLE Advertising to democratize music entertainment

Awards

- Cal Hacks / Hack The Bay - 'Best Hardware Hack' Winner
- Deloitte Startup Product Innovation Competition - 3rd Place
- Berkeley 'Cal Innovates' Competition - 2nd Place
- Spotify Business Case Competition - 3rd Place
- Raytheon ISC2 Foundation- Nat'l Security Competition Winner
- National Center for Women & Information Technology Winner
- Virtual Business and Technology Challenge Winner
- Cottage Inn- Marketing/Global Business Strategy Winner
- Cal Leadership Award Recipient
- Georgia Tech Tom Morley Calculus Award : Published Georgia Tech course textbook with professor's endorsement

Relevant Coursework

- Python (CS61a)
- Java (CS61b)
- C (CS61C)
- Algorithms (CS70)
- AI (CS188)
- Cyber Security (CS161)
- Signals/Systems (EE120)
- Systems/Devices (EE16)
- Business Analytics (BA104)
- Business Leadership (BA105)
- Marketing (BA106)
- Business Ethics (BA107)
- Accounting (BA 102A)
- Economics (Econ 1)
- Business Statistics (Stat W21)
- Product Management Elective

Contact

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INDUSTRY EXPERIENCE

KPCB ENGINEERING FELLOW at SHAPE SECURITY

May 2019 - Aug. 2019

Blackfish Product Security Strategist & Software Engineer

- Streamlined & accelerated Dark Web credential import process over 3x by creating an efficient importing tool using Python & APIs on GCP, resulting in faster deployment cycles
- Designed and developed an application to automate credential data encryption using hashing & salting techniques prior to insertion into bloom filters to increase productivity and decrease costs
- Drove competitor analysis and user experience research for Blackfish product line; created product roadmaps and prioritized backlogs; published internal product documentation
- Analyzed performance metrics to plan Q4 feature releases (ex. Active Directory protection)

IAUTHO Inc.

Jan. 2019 - Aug. 2019

Freelance Product Manager: Strategy, Design, & Engineering

- Led ideation & development of platform to streamline user, facility, and insurance authorizations in automotive industry
- Communicated vision via storyboards, user workflows, PRDs, high-fidelity prototypes
- Maintained product roadmap & spearheaded end-to-end dev. of mobile/web product
- Iterated through multiple product reviews & developed a rollout plan for product launch
- Currently Defining success metrics by A/B testing product in 100+ dealerships nationwide

DIVERSATECH @ Berkeley

Jan. 2018 - Aug. 2019

Product Manager & Strategy Consultant

Client: **LinkedIn** - Live Video Platform & LinkedIn Stories

- **Ideation:** Conducted product feature competitive analysis of leading video platforms, identified potential differentiators, created table stake, incremental, delighter features
- **User Research:** Conducted 100+ field surveys to gather key insights from video consumption behaviors on various user personas, ran A/B feature testing, created business case models
- **Strategy:** Evaluated live-video market trends to identify potential market opportunities and key influences to develop go-to-market strategy in Asia

Client: **Twitter**

- **Competitive Analysis:** Integrated usability studies, user research, and market analysis on competing products and identified key differentiators
- **Ideation:** Facilitated user journey-mapping and case studies to identify needs and pain points, introduced innovative features to drive user engagement
- **User Design:** Implemented human-centered design to ideate on a wide range of product features and developed high-fidelity prototype for Sr. Product Managers @ Twitter

HIFIVE - www.hifivetutoring.com

Sept. 2016 - Present

Founder & CEO of a Digital & F2F education service for K-12 students

- Grew company 250% in 1 year, served 300+ students onsite & online w/ team of 20+ staff
- Offered pro-bono services for low-income students, including those w/ Autism, Aspergers
- Boosted student test scores by 500 points, and raised GPA by multiple letter grades
- 15+ site visitors daily; 100% client satisfaction; 5-star reviews on Google, Yelp, NextDoor
- Manage daily ops, client relations, payroll, hiring & on-boarding of tutors, marketing

IBM : THE WEATHER COMPANY (TWC)

Sept. 2018 - Jan. 2019

Software Engineer

- Developed custom chatbots using NodeJS, designed creative responses using NLP & AI
- Researched AI & Machine Learning on IBM Cloud; Learned to develop IBM Functions on IBM Cloud along with Agile methodology & other web technologies

NATIONAL CASH REGISTER (NCR)

May 2018 - Aug. 2018

Global Information Security Engineer

- Spearhead security orchestration, automation, and remediation (SOAR) project to automate security response and defense of NCR Lab Hardware
- Collaborated with cross-functional support teams in US, Serbia, Israel, and India to identify & solve business pain-points by developing innovative features like automatic email notifications & automatic vulnerability-issue prioritization
- Developed automation scripts to report on application vulnerabilities; integrated ForeScout, Rapid7, and ServiceNow; drove improvements in security controls via penetration testing

UC BERKELEY CITRIS INNOVATION FOUNDRY

Jan. 2018 - Present

Product Spokesperson & Research Lead, Jadoo Technologies Inc.

- Involved in research of carbon nanotube forests for eco-friendly energy production
- Performed calculations to analyze diffusional flux and current at nano-sensor surfaces
- Pitched CNT energy-saving product to VC's & Executives at Chevron, Schlumberger

DIGITAL SCIENTISTS

Jan. 2017 - Aug. 2017

Product QA Tester & Software Engineer

- Extracted Google Earth KML files for geofencing + push-notifications in Park N' Fly app
- United-tested, tracked, and logged bugs in mobile applications like MailChimp, GoFan