

ISHIL PURI

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EDUCATION

University of California, Berkeley | Berkeley, CA

B.A. Computer Science | Minor: Public Policy

Aug 2019 – May 2023

Coursework: CS 61B: Data Structures, CS 70: Discrete Math, Data 100: Data Science, CS 170: Algorithms, CS 161: Security, Econ 110: Game Theory (non-technical): ECON 172: Developmental Economics, PE 158: Market Governance, PS 138E: Capitalism, PP 103: Wealth & Poverty

WORK EXPERIENCE

Microsoft | Redmond, WA

Technical Product Manager, Azure

July 2023 – Present

- I coordinate validation of next-gen AMD HW Platforms for Azure general purpose compute. I create clarity and set priorities across 25+ partner teams, monitor HW quality, drive closure to active issues, and communicate updates to LT + stakeholders
- Achieved quality targets to ship AMD 9.1 HW to preview by ensuring 95%+ node availability and 100% partner test completion

Microsoft | Redmond, WA

Product Manager Intern, E+P

May 2022 – Aug 2022

- **Identified need** and **designed solution** to improve cross-team collaboration and camaraderie through **50+ customer interviews**
- Wrote biz justification + functional spec. **Created user flows** + launched product. Achieved **60% org-wide adoption**

Agri Green | Berkeley, CA

Co-founder / CTO

April 2021 – Oct 2021

- Building in agricultural. **Applying ReLUs to predict crop yield**. Developed the functional **MVP on Jupyter with pandas in python**
- Key learnings: importance of data, rapid iteration, and customer partnerships for ground truth

American Express | New York, NY

Software Engineer Intern

June 2021 – Aug 2021

- Developed full stack application for SREs, **implemented dynamic routing** and REST API integration **via Next.js**
- Develop HTTP request-based API routes to call SOR functions, **implement Okta integration** for SSO access control

Vote by Mail 2020 | San Francisco, CA

Software Engineer Intern

May 2020 – Nov 2020

- Built centralized voter data storage using AWS EC2 & Redshift. Wrote BeautifulSoup based python scrapper for data collection
- Automated ETL workflows with Apache Airflow
- Designed A/B testing cluster identifying highest CTRs. Led to registering 50,000+ voters and achieving 1.5M+ impressions

LEADERSHIP

Berkeley Consulting | Berkeley, CA

External Vice President

May 2021 – Dec 2021

- Organized meaningful trainings to allow 30+ members to grow professionally and personally
- Created incentives + infrastructure to encourage members to rebuild strong interpersonal bonds during post-quarantine semesters

Project Manager (American Heart Association)

Jan 2021 – May 2021

- Managed client relationship and **led team of 4** consultants to map out donor profiles via primary research: generated competitor landscape, **developed impact & sustainability analysis** for new fundraising strategies.

Consultant

Feb 2020 – Jan 2021

- Collaborated directly with c-suite at SoftBank-backed renewable energy company to **model** financial viability of **hydrogen energy market entry** in the United States
- Presented report guided by my research into current R&D, regulatory frameworks, and competitive landscape as well as projecting out relevant **supply-chain scenarios** and **evaluating** their **market trend impacts**

PROJECTS

Hide My Face | [\[CODE\]](#) [\[APP WEBSITE\]](#) [\[MEDIUM ARTICLE\]](#)

April 2021

- With recent, highly controversial uses of data, AI, and facial recognition technologies, **developed an iOS app in Swift** to **provide users transparency** into hidden metadata (e.g. location) stored in each image as well as the ability to blur faces
- Utilized **Vision & UI Kit** frameworks to automatically blur detected faces in static images. **Designed** sleek & intuitive **UI** to display image metadata through descriptive views & **reverse geocoding** location coordinates onto an interactive 3D map
- Learned to balance memory resources, **deploy asynchronous tasks to background threads**, and craft a streamlined UX
- Over **8.5k+ downloads** across **30+ countries** with over **290k impressions** on **Apple app store**