Rachit Pareek

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EDUCATION

University of California, Berkeley, Haas School of Business **GPA: 3.89**
B.S. Global Management Program, B.A. Computer Science, B.A. Data Science (Triple Major) Graduating May 2022

- Regents' and Chancellor's Scholarship Recipient
- Academic Teaching Intern for CS61BL (Data Structures), Summer 2020
- August-December 2018: London Global Edge Study Abroad Program
- Grand Prize Winner, yuuvis™ Content Management Hackathon San Francisco: *Smart Security Systems* [**Case Stud**y: https://tinyurl.com/sb72ypk]

Courses: Structure & Interpretation of Computer Programs†, Computer Architecture (Machine Structures)†, Data Structures†, Principles & Techniques of Data Science†, Probability for Data Science†, Efficient Algorithms & Intractable Problems†, Linear Algebra & Differential Equations, Discrete Math & Probability Theory†, Business Law†, Financial & Managerial Accounting†, Business Analytics†, Finance†, Marketing†, Microeconomics† [† indicates grade of A or A+ received]

PROFESSIONAL EXPERIENCE

Acretrader, Inc.| Data Scientist **Aug. 2020 - Present | Fayetteville, AR**
- Early employee at a VC-backed, agricultural property technology startup. Building internal investment research & analysis infrastructure.

Amazon Web Services, Mechanical Turk| Software Engineering Intern **June 2020 – Aug. 2020 | Seattle, WA**
- Independently architected and engineered an end-to-end, performant, scalable solution for processing internal customer data and making it available through a microservice to power production fraud detection models, fraud investigation platforms, and visualizations.
- Utilized PySpark, Sinatra, internal service frameworks, and a variety of AWS services (CDK, S3, Lambda, ECS, Neptune, Cloudwatch, etc.)

Smart Security Systems | Founder **July 2019 – Jan. 2020 | San Francisco, CA**
- Developed a MongoDB, Express, React, & Node web application for optimized security footage storage, querying, analysis, and archiving
- Designed efficient, accurate computer vision algorithms based on OpenCV (YOLOv3), connected to the application through REST APIs

Kaiser Permanente | Digital Strategy/Software Development Intern **June 2019 – Present | Oakland, CA**
- Worked with MEAN stack to help develop a REST API under BFF architecture, making internal SoRs available to partner clients and services
- Designed data visualizations for internal solutions assisting with patient treatment, using the React and D3.js JavaScript libraries
- Performed process analyses, project lookbacks, and designed user stories for large projects and department-wide events

Foresight Mental Health | Data Science Intern **Feb. 2019 – May 2019 | Berkeley, CA**
- Developed a predictive algorithm that uses historical treatment data and a patient questionnaire to recommend initial patient treatment type
- Automated company's scheduling and financial reporting by creating Python scripts that parse, compile and analyze operations data

Empowerly, Inc. | Business Development Intern **Nov. 2018 – Jan. 2019 | San Mateo, CA**
- Negotiated **$100,000** of venture funding from Berkeley's Skydeck Startup Accelerator while improving efficiency of operations
- Improved business process automation by integrating software including HubSpot, Zapier, and Google Analytics, and created training assets

The Principal Financial Group | Financial Advisory Intern **June 2017 – Aug 2018 | San Jose, CA**
- Analyzed equity/debt portfolios and insurance products to recommend risk-tolerance based portfolios for 500+ clients/sourced leads

Fremont Debate Academy, Inc. | Founder and CFO **Sept. 2014 – Present | Fremont, CA**
- Founded a CA-registered, 501(c)(3) IRS-certified nonprofit (website: fremontdebateacademy.org) teaching MSPDP debate to 1,100+students
- Assembled and guided a team of over 100 volunteers for a cumulative 11,000+ hours of service running 1,000+ hours of sessions and tournaments, while working with community organizations, public schools, district administrations, and companies
- Created an open-source curriculum allowing satellite volunteers to establish debate leagues across the United States and rest of the world
- Raised and allocating over **$60,000** in organic revenue to fund operations and support expansion efforts, including new programs across the United States (Alabama, Oregon, Florida, **Teach for America** Ohio etc.) and India (Bangalore, Bombay, Jaipur, etc.)

LEADERSHIP & EXTRACURRICULARS

Berkeley Alpha Iota Omicron | Vice President of Membership **Aug. 2019 – Present | Berkeley, CA**
- Founding member of Berkeley's chapter. Planning rush events and academic/professional development opportunities for fraternity members.

Berkeley Business Society | Senior Strategy Consultant **Jan. 2019 – Present | Berkeley, CA**
- Consulted with **Spirit Airlines** to analyze & redesign the customer loyalty program and UI/UX for the website and mobile app
- Consulted with **VSCO**, an app for photo enthusiasts, to design and rollout a university-focused marketing program

Berkeley Phi Beta Lambda | Strategy Consultant **Jan. 2019 – May 2019 | Berkeley, CA**
- Consulted with **Acumen, Inc.** to design an investment vehicle that will allow prominent donors to undertake for-profit investments

SKILLS & INTERESTS

Skills: Amazon Web Services (see above), Python, Java, C, SQL, MongoDB, Javascript (Node, Express, React), Typescript, Salesforce/Hubspot
Personal Interests: Personal Investing, Running, Cycling, Traveling, Music Production, Future House Music, Bollywood Dance, The Office, Suits