

MANAN BHARGAVA

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EDUCATION

University of California Berkeley Berkeley, California

August 2021 – May 2025

B.A. in Computer Science, Minor in Data Science, Certificate in Entrepreneurship & Technology

Structure and Interpretation of Computer Programs • Designing Information Devices and Systems I • The Foundations of Data Science • Richard Newton Lecture Series • Data Structures • Discrete Math • Build a Blockchain Startup

Fremont High School Sunnyvale, California

August 2017 – June 2021

High School Diploma; AP Scholar with Distinction

GPA 4.0/4.0

EXPERIENCE

Foodware Berkeley, California

June 2022 – Present

UI/UX Engineer and WebDev Intern

- ❖ UI/UX Research - designed web application & designed 20+ features for mobile app in Figma
- ❖ Learned HTML/CSS & Javascript, implemented 10+ features, cross-collaborated with engineering & design team

Appemle LLC Sunnyvale, California

June 2020 – June 2021

Amazon Alexa skill myNurseBot SWE Intern

- ❖ Did UI/UX research, completed fresh redesign for mynursebot.com organizational website
- ❖ User-tested the skill & increased success rate of voice commands by 55% through intent modification
- ❖ Redesigned organizational website, developed customer ads & tutorials, business pitch, and internal documentation

Sutardja Center for Entrepreneurship & Technology (SCET) Berkeley, California

Jan 2022 – Present

Course Coordinator for IND ENG 190E/290 Build a Blockchain Startup

- ❖ Organized curriculum, logistics, course communication, and class pitch events for 45+ students in 9 startup teams
- ❖ Created innovative data visualizations for pitch analysis & judging system; assisted teams in pitch development
- ❖ Collaborated with 40+ high-profile Silicon Valley entrepreneurs, professionals in Blockchain, C-suite executives

Waverly Creations Inc. Palo Alto, California

June 2020 – Present

Co-Instructor, Stanford Meaningful Entrepreneurship Program (MEP)

- ❖ TA: Designed and developed <http://mep-innovate.com>, designed logo and created Ad Video; mentored 5 teams
- ❖ Head TA/Co-Instructor: Assisted in scaling MEP to 50+ students, revamped 350+ lecture slides, wrote speaker notes, lectured students, mentored 4 teams, founded & led 3-hour college workshop, student instructor

PROJECTS

Git Version Control Java

Apr 2022

Developed gitlet version control from scratch incl. branch merging & status indicators; applied graph algorithms

Climate Change Data Analysis Python

Apr 2022

Used Numpy, Pandas, Seaborn libraries to create novel regressions & predictions for co2, pH, solar panels, etc.

ObjectTracking Java

Jan 2020

Developed object tracking using K-means clustering algorithm, image masking for colorful balls

SentimentAnalysis Java

Feb 2020

Analyzed +/- intent in Amazon reviews for training model, applied to Tweets for hate language flagging

SKILLS

Languages: Python, Java, HTML; **Platforms/Tools:** Github, Visual Studio Code, IntelliJ, Canva, Figma, 3D CAD (OnShape, SolidWorks, Autodesk), Adobe (Premiere Pro, Photoshop, Illustrator), DaVinci Resolve

MORE EXPERIENCE & LEADERSHIP

Operations Intern, Berkeley Skydeck May 2022 - Present

Collaborate with top SV executives, coordinate workshops, co-chair 500+ student seasonal intern fair, scribe for board meetings

FIRST Robotics Competition Aug 2017 - June 2021

2021 Game Design Lead (designer's award, top 100 in world), robot designer & manufacturer, Safety Captain, 2021 MVP

President, VP Business & Marketing: Restructured org: Business, media, outreach, established 4 positions, created training, expanded team (69 members). Organized & led 50+ events; Raised \$100K+, led grant writing, revamped official business plan & documentation.

Project Developer, DataGood

Jan 2022 - Present

Research climate change data set & conduct data analysis, create simulations with Pandas, Numpy, SciKit, SQL, Matplotlib, Seaborn

Eagle Scout, Boy Scouts

Apr 2014 - Jul 2021

Eagle Scout, Senior Patrol Leader, 65 mi backpacking trip leader; Created 1st troop 457 website

Head Mentor, FIRST Lego League Aug 2017 - June 2021

Mentor for 12 robotics teams, designed & taught curriculum for 4-day bootcamp for 20+ students, launched 20 edu-videos. Resulting teams won cumulative 15+ awards.

AWARDS & HONORS

Eagle Scout (2020) • 1st Place Best SCET Course Coordinator (Spring 2022) • Jubilee x Berkeley Innovation design-a-thon 1st place (2022) • Fremont High Hall of Fame (2021) • Valedictorian (2021) • Outstanding STEM Leadership (2021)