Mihika Bhatnagar

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EDUCATION

University of California, Berkeley   **Berkeley, CA**
Bachelor's Degree – Computer Science, Data Science   *Expected in May 2026*
Overall GPA 3.6/4

Relevant Courses: Structure and Interpretation of Computer Programs (CS 61A), Data Structures (CS 61B), Discrete Mathematics and Probability Theory (CS 70), Principles and Techniques of Data Science (DATA C100), Foundations of Data Science (DATA C8), Linear Algebra and Differential Equations (MATH 54), Data and Decisions (UGBA 88), Full Stack Web Development (CS 198-99), Introduction to Economics (ECON 1), Principles of Business (UGBA 10)

Relevant Experience: Academic Intern for CS 61A, Academic Intern for CS 61B

Relevant Project Work: NGrams & Wordnet (used Map APIs to build), Deques (built LinkedListDeque and ArrayDeque), Scheme (Building an Interpreter), Cats (Abstraction & Recursion), Building a World (used many Java Data structures)

Dublin High School (DHS)   **Dublin, CA**
High School Diploma   *June 2022*
Overall GPA 4.58/4 (weighted)

SKILLS

Languages: English (fluent), Hindi (fluent), Spanish (conversational)
Technical: MS Word/Excel/PPT, Python, Java, C++, Flutter, Dart, Pandas, GCP, AWS, JavaScript, HTML, CSS, Node.js, React.js, React Native, NumPy, Scheme, SQL, Databricks, Firebase, MongoDB, Tableau, GIT, Kubernetes, UI/UX, Fusion 360, Google Colab, Jupyter

WORK EXPERIENCE

Red Bull   **Los Angeles, CA**
Project Manager and Software Developer   *August 2023 - Present*
- Building an MVP (workflows, database, user-friendly login, analytics dashboard) using React Native and Google Firebase

Dotlas   **Remote**
Software Engineering Intern   *June - August 2023*
- Delivering high-quality insights from data to feed into models for specific use cases and innovative solutions
- Working with cloud services and databases for data pipelining, feature joining, and information compiling purposes

Phoenxt   **Remote**
Software Engineering Intern   *June - August 2023*
- Developing MySQL admin database using JSON Web Tokens and Node.js
- Creating a mobile application to streamline chemical textile-to-textile recycling technology

Birth By Us   **Remote**
Software Developer   *February - August 2023*
- Built a Node.js backend to interface with a MongoDB database for their mobile application

TechGC   **San Francisco, CA**
Technical Consultant   *February - June 2023*
- Worked on data cleaning for their member database to optimize outreach using Pandas and Jupyter Notebook
- Automated the onboarding process and membership renewals

Atlassian   **San Francisco, CA**
Product Associate   *September - December 2022*
- Collected and consolidated data to develop strategy for high-growth software company
- Formulated coherent marketing initiatives to boost brand awareness

George Mason University   **Fairfax, VA**
Software Engineering Intern   *June - August 2021*
- Developed a full-stack mobile application that tackles climate change
- Built the SnowSource mobile app through Java, Google Flutter, and Dart under a university professor

HONORS AND AWARDS

1st Place: DHS Engineering & Entrepreneurship Competition   **May 2021**
- Used CAD, web dev, and marketing skills to present Visionary; 150+ teams in the school-wide competition

NCWIT California: SFO Bay Area Affiliate Winner   **Jan 2021**
- Awarded for innovation in technology through wiSTEM initiatives and mobile apps

3rd Place: DHS Engineering & Entrepreneurship Competition   **May 2020**
- Utilized ML/AI and industry knowledge to develop NutriPill; 150+ teams in the school-wide competition

ACTIVITIES

UpSync Consulting at UC Berkeley   **Berkeley, CA**
Technical Consultant   *September 2022 - Present*
- Prepare and pitch technical and business advice for companies and businesses of all sizes

Computer Science Kickstart at UC Berkeley   **Berkeley, CA**
CSK Academic Intern and Marketing Chair   *August 2022 - Present*
- Teaching incoming freshman CS and creating marketing materials to welcome new CSK cohort and help improve female program

Club Central   **Dublin, CA**
Mobile App Developer   *June 2021 - June 2022*
- Recruited by the school to develop and launch app to streamline the club signup process using Python and HTML

Engineering Design Club   **Dublin, CA**
President and Founder   *August 2019 - June 2022*
- Organized and executed engineering design challenges for 25+ students and managed an executive board

Technovation Club   **Dublin, CA**
President and Mentor   *August 2019 - June 2022*
- Helped 20+ female students prepare for the Mobile App Challenge through full-stack development training

OTHER

- Hackathon Enthusiast: awarded for many mobile apps and websites (Devpost Link)
- Created the Eat4Less Mobile App, received 1st Place Award at the SFO Bay Area Technovation Competition
- Launched Bloom Startup Competition (240 students, 35+ countries) and Dublin Youth Hackathon (40+ students)
- Misc.: Junior Varsity Cricket Player, National Girls Cricket League Player, and TEDx Lead Organizer at DHS