

Arjun Rewari

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EDUCATION

- **University of California, Berkeley** Berkeley, CA
Bachelor of Arts in Computer Science Aug. 2023 – June. 2025
 - **Relevant Coursework:** Data Structures, Discrete Math
 - **Organizations:** BAIR Lab, International House, Indian Student Association
- **Foothill College** Los Altos, CA
Associate of Science in Computer Science; High Honors; Deans List; 3.97 GPA Sep. 2021 – June. 2023
 - **Relevant Coursework:** DSA in C++, Java, Python; Matlab; Discrete Math; Calculus; Multivariable Calculus; Linear Algebra; Differential Equations
 - **Organizations:** Senate Board (Senator), Associated Students of Foothill College, Engineering Club, CS Club

SKILLS

- **Languages:** Advanced: C++, Java, Python, Matlab Proficient: HTML, CSS, Javascript
- **Libraries:** Nerfstudio, PyTorch, OpenCV, MediaPipe, NLTK, Tensorflow, SDFstudio, Matplotlib, Numpy, Pandas
- **Technologies:** Microsoft Excel, Android Studio, API Development(Twitter)
- **Soft Skills:** Problem Solving, Leadership, Customer Service, Advising

EXPERIENCE

- **Undergraduate Research Assistant** Jun. 2023 - Present
BAIR Lab UC Berkeley Berkeley, CA
 - Working on NeRF Tree Reconstruction Project focused on making 3-D models of forests for potential firefighting use
 - Compare NeRF, NeuS, and Neuralangelo models, Run SDF Models
 - Set up website for WACV 2024 workshop on 3D Geometry Generation using HTML/CSS/JS
- **Research Intern** Jun. 2022 – Dec. 2022
Slang Labs Bengaluru, Karnataka, India
 - Voice assistance for existing apps to serve a multilingual community, allowing novice users to converse in their local language, extending the reach of the apps
 - Worked on speech recognition project to explore phonetic similarity algorithms to improve recognition in the app
 - Used confidence metrics to evaluate various algorithms and rewrote the best algorithm to work with Indic languages
 - Used Confluence, Teams, Jira, Slack. Manipulated JSON, txt, csv, log files
 - Developed interest in NLP, Computational linguistics and Machine Learning
- **Peer Tutor** Aug. 2022 – Jun. 2023
Foothill College Los Altos, CA
 - Tutored for various STEM subjects including Calculus, Physics, and Computer Science
- **Barista** Aug. 2021 – Jun. 2022
Peet's Coffee Palo Alto, CA
 - Responsible for managing store during peak hours; Responsible for customer satisfaction; Developed time management skills

PROJECTS

- **AI Robotic Arm:** 3D-Printed, 3 jointed arm that mimics hand movements through Computer Vision; Recognizes voice commands like "Pick up the red coke"
- **Soil Moisture Tracker:** Arduino project that tracks soil moisture and posts updates every hour to Twitter

CERTIFICATIONS, INTERESTS

- **Certifications:** Stanford ICME: Fundamentals of Data Science Certificate; Courses in Deep Learning, Machine Learning, R, Python
- **Interests:** Hiking; golf; sustainability; Breaking Bad; camping; Reddit; woodworking; reading; Eagle Scout