

Shilpa Chowbey

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EDUCATION

University of California, San Diego,

Expected 2025

B.S. in Cognitive Science and Computer Science

Relevant Coursework: Data Structures, Metabolic Health Analytics, Art of Product Engineering, Front-End Development, Practical Data Science, Human-Computer Interaction, Deep Learning, Large Language Models, Systems Programming

WORK EXPERIENCE

NOVONESIS

Software Engineering Intern, Davis, CA

06/2024 - 09/2024

- Developed a dynamic dashboard using React and Svelte, enabling scientists to upload and search microbial datasets
- Enhanced API endpoints to facilitate seamless interaction with a PostgreSQL-based data management system
- Conducted user testing, gathered feedback, and iteratively improved website's functionality and user experience

MORE SECONDS

Full-Stack Developer, Remote

01/2024 - 05/2024

- Implemented full-stack feature, with front-end HTML and JS display while interacting with back-end Python code
- Analyzed demos and HTML / JS codebase with UI mapping, heuristic evaluation, responsive design principles to identify 3+ bugs and prioritized 5+ feature updates to improve intuitiveness and usability of feature designs
- Prototyped Figma enhancements to redesign webflow to improve intuitiveness for AI project management system

FUEL VENTURES

Web Development Intern, Singapore

06/2023 - 08/2023

- Created website and blog with Bootstrap, JS, CSS, HTML for Asia branch of international venture capital fund
- Configured domain for business emails and website, migrated company off paid Google store suite to save money
- Managed publicity section of website, planned conference events and powerpoint content, networked with clients

PROJECTS

Software Engineer's Dev Tool and Journal

04/2024 - 06/2024

- Led a team of 10 as project manager: facilitating meetings, task assignments, code reviews, and debugging
- Developed journal interface with task lists (CRUD functionality), calendar, and project tracking using local storage, while enforcing GitHub practices like branch protection, issue tracking, linting, and JS testing.

Smart Pillow

01/2024 - 06/2024

- Prototyped a smart pillow from concept to product in a product engineering course, conducting comprehensive market research, user interviews, and developing a proposal outlining design, functionality, and market potential
- Built full-stack web interface using SQL for controlling pillow hardware and visualizing data insights, including user authentication and session management, supporting personalized settings and privacy protections

Terms & Conditions Engagement Study

09/2023 - 12/2023

- Investigated user engagement with terms on a site exploiting artists' intellectual property for AI model training.
- Conducted research on eye-tracking studies, tested users' comprehension through direct reading and questions, and analyzed how T&C design choices influenced users' likelihood to read and understand content.

ACTIVITIES

Well-Being Peer Educators

01/2022 - present

- President; run meetings, coordinate organizations for diverse perspectives, host on-campus promotional events
- Volunteer for health education regarding all types of health (physical, mental, etc), build internal leadership team

Teaching Assistant

09/2022 - 12/2023

- Student teacher for Data Science in Practice; grade assignments, create lessons plans, guide data-driven projects

SKILLS & CERTIFICATIONS

Technical Skills: React; Svelte C; C++; R; Linux; Python; Java; JavaScript; HTML; CSS; Figma; SQL; Assembly

Professional Skills: Canva, Adobe PhotoShop, LaTeX, Excel, affinity mapping, user interviews, Jupyter Notebook

Awards: IBM Accelerate Student Scholar; Placed 2nd in Alzheimer's BioTechathlon; Provost's Honors