

Darpan Khanna

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Education

California Polytechnic State University, San Luis Obispo

Bachelor of Science in Computer Engineering

Expected Graduation: June 2028

Relevant Coursework (In Progress): CSC 101: Fundamentals of Computer Sci / MATH 143: Calculus 3

Completed Relevant Coursework: UC Berkeley CS61BL: Data Structures & Programming

Methodology Summer Program / Harvard CS50 Online Course / AP Computer Science A

Work Experience

- **Engineering Internship** *Penumbra Inc.* *January 2024 – July 2024*
 - Performed time studies using Timer Pro to determine efficiency and cost-effectiveness
 - Worked in a collaborative environment with industrial engineers and production engineers to optimize production lines
 - Achieved accurate times helped determine future financial decisions
- **Engineering Intern** *Toyota Motor Company* *June 2022 – July 2022*
 - Gained real-world experience in a teamwork environment
 - Collaborated with multiple engineers to better integrate system components and improve safety and infotainment system performance
 - Conducted system requirement testing and analysis to meet industry standards

Projects (<https://github.com/darpank23>)

- **Currency Converter**
 - Produced an application that allows you to convert an amount from one currency to another
 - Implemented API integration to fetch and update currency exchange rates, ensuring accurate conversion information
- **Watermark Application**
 - I produced a watermark application that takes an image input and a watermark input to overlay the watermark on the original image.
 - Incorporated a graphical user interface using Tkinter, making it easier to use the application
- **Meme-Maker Website**
 - Designed and developed the website using HTML, CSS, and JavaScript
 - Implemented an image upload, text color and re-size function with a real-time preview to showcase what the meme will look like when downloaded
- **Personal Portfolio Website (In-progress)**
 - Creating a personal website to showcase my skills, projects, experiences, professional photo gallery using HTML, CSS, and JavaScript
 - Applied SEO techniques including meta tags, alternate text for images, and structured data

Skills

- Strong knowledge of Git
- Web Developing - HTML, CSS
- Microsoft 365
- Programming Languages - Python, Java, JavaScript, C
- Google Suite

Extracurriculars

inAtalent Web Developer (2019-2021); Computer Science Honors Society (2020-2023);

Handpicked Clothing Photographer & Web developer (2020-present);

Varsity Tennis Player & Team Manager (2020-2024)