NIDHI RAVIPRASAD

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EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)
Bachelor of Science Degree in Computer Science   June 2026
GPA: N/A (High School GPA: **4.0**)
Relevant Coursework: Data Structures, Statistics, Intro to Programming

SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, SQL
Software Tools: VSCode, Git, Docker, JSON, Bootstrap, Tensorflow, Keras

PROGRAMMING PROJECTS

ExamIn, *Software Developer @ MyCon Studios, LLC*   Sep 2020 – July 2021
Languages and Tools Utilized: MERN Stack (MongoDB, Express, ReactJS, Node), HTML, CSS, Docker
- Created a web application that allows users to create and take quizzes
- Designed a framework with HTML/CSS
- Implemented with ReactJS, stored data in MongoDB, utilized Git & Docker for collaboration

Codepioneers Website, *Codepioneers*
Languages and Tools Utilized: HTML, CSS, Bootstrap
- Designed and created Bootstrap website for the nonprofit Codepioneers
- Used attention to detail skills to continually update, manage, add features as organization expanded
- Website traffic increased 30% with addition of interactive features (image gallery with captions on hover, carousel for reviews, mobile-friendly version)

Confide-A-Bot, *Personal Project*
Languages and Tools Utilized: Python, Tensorflow, TFLearn, Kivy
- Designed an app with a mental health chatbot to help teenagers with mental health issues
- Used Tensorflow to implement the chatbot and provide advice based on teenage concerns
- Won Best Overall at SC Half a Hackathon

RecipeMe, *Personal Project*
Languages and Tools Utilized: Python, Flask, Dart/Flutter, Git
- Implemented app that pulls recipes from the internet with user inputs of ingredients & dietary restrictions
- Researched and created API for web-scraping
- Coordinated and presented proof-of-concept to panel of industry professionals

LEADERSHIP EXPERIENCE

Founder and President, *Codepioneers (Nonprofit)*   May 2020 – June 2022
- Taught 200+ elementary/middle school students how to program in Python & HTML/CSS during pandemic
- Recruited 10+ volunteers & officers, created 30+ lesson plans
- Achieved 90% retention rate from beginner to advanced classes
- Over 50% motivated to stay in software from post-course surveys

CAMPUS INVOLVEMENT

Member, *Society of Women Engineers (SWE)*   Sep 2022 – Present
- Parent Education Program Coordinator, Fall Welcome for Middle & High School Students

Member, *Women Involved in Software and Hardware (WISH)*   Sep 2022 – Present