SAMBRIDHI DEO

(973)-787-6162 sambridhidev63@gmail.com www.sambridhideo.com

EDUCATION

Caldwell University   Caldwell, NJ
B.S. Computer science and Mathematics   *Expected date of graduation: May 2026*
- **GPA:** 3.81
- **Relevant Courses:** Computer programming I, (HP) College writing, Calculus I, (HP) General psychology, Gen Physics I, Gen Physics I lab, (HP) First year student seminar.

PROFESSIONAL EXPERIENCE

Initiatives for girls in Physics and Tech   **www.igptech.org**
Founder and President   *August 2020 – present*
- **Hosted a talk show with 2018 Nobel laureate in Physics Dr. Donna Strickland and NASA's atmospheric science software developer Ms. Sanjana Paul.**
- Managing and mentoring 100+ students to draft high-level review papers.
- Organized summer school and winter school programs for marginalized group of students free of cost.

Caldwell University   **www.caldwell.edu**
Research Assistant   *September 2022 – present*
- Assist to predict binding of the different receptor isoforms with different drug ligands using computation and ezCADD.
- Maintain tracking report of all research findings and performing analysis
Researcher, Cog AI research lab   *September 2022-present*
- Research to develop models capable of detecting refractive errors in eyes
Student Worker, Academic Affairs Department   *September 2022 – present*
- Sort and manage the important datasheets like work contracts, course addition details.

Neodocto Inc.   **www.neodocto.com**
Artificial intelligence intern   *December 2021 – March 2022*
- Identified and cultivated new marketing strategy after completion of digital marketing expert program.
- Worked with responsibility to make high level interaction with Chatbots.

PROJECTS & OUTSIDE EXPERIENCE

Fourth brain, Machine learning engineering program   **Remote**
Research participant   *October 2022 – Present*
- Selected from 500+ applicants as a research participant in to learn to develop and deploy ML models.
- Working on capstone project with a software engineer at Google to make plugin model for Google meet to detect American sign language and convert it to voice
- Responsible for filling weekly objectives such as *2* project ideation, *4* session's attendant, and *2* networking meetings.

The knowledge society, TKS innovate program   **Remote**
Innovator   *September 2022 – Present*
- Meet weekly targets such as: completion of exploration module, project ideation, and 10 networking meetings with cohort members
- Working to integrate AI with Block chain for healthcare project.
- Submitted a project in collaboration with other cohort members in NASA space app challenge.

Carnegie Mellon University Qatar, Code in Alice summer school   **Remote**
Participant   *July 2022 – July 2022*
- Created an interactive game in Alice.

ACTIVITIES & LEADERSHIP

Caldwell University's Women in STEM club, NJ
President   October 2022 – Present
Caldwell University's Computer science club, NJ
Publicist | Head of Women in computer Science branch   October 2022 – Present
SheTek community, NJ
Member   October 2022 – Present

SKILLS & INTERESTS

Skills: Python, HTML, CSS, Tensor flow, Anaconda, Git and Github, Google workspace, Filmora, Microsoft Office, Figma, Canva pro,

Interests: Designing, Web Development, Research, Listening AI podcasts.