

Sai Pranav Pullemla

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EDUCATION

Rice University, Houston, TX

Master of Science in Computer Engineering

Aug 2020-Dec 2022

GPA: 3.89

University of Houston, Houston, TX

Bachelor of Science in Electrical and Computer Engineering

Minor in Mathematics

Aug 2016-Dec 2020

SKILLS AND AWARDS

- **Technology:** SQL, C, Python, MATLAB, FPGA, VLSI, Simulink, LTspice, AutoCAD, PCB, and Microsoft Suite
 - **Certification:** AWS - Cloud Practitioner
 - **Award:** National Award in Cube Art [Rubik's Cube]
 - **Language:** Trilingual - English, Hindi, and Telugu
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WORK EXPERIENCE

Electrical Engineering Intern

Prism Technologies, Hyderabad, India

May 2019-Aug 2019

- Created electrical design plans for 15 residential houses in a gated community
- Examined construction site to observe work progress and conditions impacting electrical design
- Identified solutions to technical design problems that arise during construction and saved \$10,000
- Designed circuit schematics to meet defined specifications of the clients

Proctor/Tutor

Center for Academic Support and Assessment, University of Houston

Aug 2018-Dec 2018

- Supervised 10 tutors and 15 proctors during the academic year
- Tutored 6 classes such as Calculus 1, Engineering math, etc. for 150 freshmen and sophomore students

Undergraduate Research Assistant

Cullen College of Electrical and Computer Engineering, University of Houston

Aug 2017-May 2018

- Collected 10,000's of neural data from volunteers using neural helmet to assist with brain machine interface research
 - Managed the neural database of the volunteers in a team of 10 post graduate students
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LEADERSHIP EXPERIENCE

Safety officer

American Institute of Aeronautics and Astronautics [AIAA], University of Houston

Aug 2016-Dec 2020

- Conducted safety classes for a group of 80 AIAA members and officers
 - Organized fundraising events for rocketry equipment and raised around \$2,500
 - Liaised between the local fire department and AIAA UH chapter
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RELEVANT COURSEWORK

Adv VLSI Design
Embedded Systems

Digital Logic Design
Digital Electronics

Microprocessors
Electronics

Circuits
Circuits II