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Summary

Well-rounded Electrical Engineering sophomore minoring in Engineering Management with a strong communication and interpersonal skills and keen interest in Computer and Electrical hardware and software.

Education

University of Massachusetts at Amherst

Anticipated May 2025

Bachelor of Science in Electrical Engineering, **GPA: 3.915**

Minor in Engineering Management, Chancellor's Award and Dean's List

Relevant courses

Computational tools for ECE, Circuits and electronics, Introduction to digital and computer systems, Introduction to programming for ECE, Analytical tools for ECE, Microeconomics, Macroeconomics, Introduction to Marketing

Online Courses and Certifications

- Data Science: Probability from Harvard, EdX (May 2020)
- Complete Python Developer in 2020: Zero to Mastery, Udemy (2021)
- MBA in a Box: Business Lessons from a CEO, Udemy (May 2020)
- Foundations of Project Management from Google, Coursera (Jan 2022)
- Leadership: Practical Leadership Skills, Udemy (May 2020)

Skills

Proficient in Python, Microsoft Excel, PowerPoint, Word. Familiar with MATLAB, HTML

Projects

Hack UMass, Booth Beacon -

Fall 2021

- Designed and built a system incorporating software and hardware that solved the dining hall crowd management problem. –Data is collected based on seating and gives us an accurate estimate of the number of seats in the dining hall
- Software and Hardware used - HTML/CSS, JavaScript, SQL, Python, Flask, Raspberry Pi, Distance sensor, RFID sensor, 3D printer, Docker, Linode, Wires, Resistors, Breadboard

Personal Project – Database management

Fall 2020

- Designed and wrote the code for a food ordering system using Python, MySQL and HTML.
- Presented the project in front of my class at high school and also explored the advantages and disadvantages of the same

Public speaking and Leadership

- Outstanding Delegate at the International MUN Online Conference organized by IMUN, 2020
- Student Founder of the School Debating Society - 'Gezellig', 2018 As founder and leader, auditioned, selected and trained the school debating society members (2018-19)
- Secretary - House Council of over 600 members at the North East Area, University of Massachusetts, Amherst
- 2020 Complete Public Speaking Masterclass, Udemy (May 2020)

Internships/Community service

- Summer internship with NGO 'Lovedale Foundation' which works with abandoned and disadvantaged children who have experienced violence, fear and exploitation - taught Math and Science to high schoolers
- Summer internship with NGO 'Diya Foundation' working with differently-abled adults by training them in life skills and vocational skill, also worked with them to create a multimedia company
- Volunteering and part-time internship with NGO 'Yuvalok Foundation' which works with underprivileged street and slum children, rescued child laborers, tribal children, girl children and disadvantaged women, Yuvalok Schools, 2019

Podcasts and YouTube videos

- YouTube videos on tips and tricks to increase productivity, time management, efficiency, scheduling- <https://bit.ly/2ZoZUYM>
- Productivity podcasts featuring industry professionals from across the world on Spotify, Breaker, Google Podcasts, Overcast, Pocket Casts, Radio Public (2020) - <https://youtu.be/Lb8KKnJ638Y>

Hobbies

Film-making, Blogging, Vlogging, Hosting podcasts, Robotics, Aero-modeling, Metalworking, Fractal Drawing, Baking