Preethi Surapaneni

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EDUCATION

CARNEGIE MELLON UNIVERSITY
B.S in Information Systems
GPA: 3.31
May 2022 | Pittsburgh, PA

COURSEWORK

• Principles of Computing
• Fundamentals of Programming & Computer Science
• Statistics & Data Science Methods
• Principles of Imperative Computation
• Database Design & Development
• Probability Theory

SKILLS

TECHNICAL
C • Python • HTML • CSS • SQL • R • JavaScript • Excel • PowerPoint • Word • By Spring: Full Stack Web Dev- Ruby on Rails
FOREIGN LANGUAGES
Hindi • Tamil • Telugu • Mandarin
CERTIFICATIONS
IBM Professional Data Science

AWARDS

DEAN'S LIST| Fall 2018
SCHOLAR OF HIGHEST DISTINCTION | June 2018
AP SCHOLAR WITH DISTINCTION | 2017, 2018

LEADERSHIP

CMU SAHARA DANCE TEAM | CAPTAIN
Sept 2018 – Present
• Choreographed an 8-minute Bollywood-Fusion dance routine and production and compete inter-college each year.
• Manage a team of 30 dancers and oversee funding, budgeting, recruiting for around 4 competitions per year.

RESEARCH AND WORK EXPERIENCE

NSF FUNDED DIGITAL MARKETSPACE GLOBAL COLLABORATION RESEARCH | RESEARCH ASSISTANT
Aug 2019 – Present | Pittsburgh, PA

- Analyze data, provide metrics to support projects and develop visualizations for presentation purposes.
- Provide operational support to students and teachers, reviewing project ideas, and organizing activities to support participants in the media-making clubs.

SHINE REGISTRY| BUSINESS STRATEGY & MARKETING INTERN
May 2017 – Aug 2017 | Pittsburgh, PA

- Developed understanding of business models and created brochures and proposals used to seek grants for Shine Registry, a non-profit organization that provides a platform for women to seek professional help for their start-up companies.
- Created high fidelity wireframes and ERDs during initial stages of development based on user research to optimize UX.
- Developed process maps used for marketing plans and website development.
- Developed a real-time dashboard for results of user research using C3 Library.
- Programmed Excel macros to automate reports saving manual data reconciliation and data formatting.

RAJU'S MOM & POP BUSINESS | VOLUNTEER ANALYST
Jul 2015 – May 2016 | Hyderabad, India

- Applied basic product consumption analysis to increase revenue by 12% with $300/month turnover.
- Educated business owners on advanced Excel functions to assist in tracking sales, profits and inventory.

PROJECTS

NINJA TURTLE GAME DEVELOPMENT

- Created a side scrolling game using tkinter as graphic UI in Python. Implemented pseudo AI and sockets in code
- Developed features including personal customization, power-ups, leaderboard and mode screens.

BUTTERWOOD BAKE CONSORTIUM WEB DEVELOPMENT

- Conducted user research for Butterwood's bakery website.
- Remodeled and developed website using HTML/JS/CSS

DATABASE DESIGN AND DEVELOPMENT

- Designed and built a MySQL database using given data on Lamborghini Car Dealership sales to make relevant conclusions about the business.
- Learned skills in conceptual data modeling, logical database design and definition.