POOJA KANKANI

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Education

University of Illinois at Urbana-Champaign   May 2020
Bachelors of Science in Computer Engineering   GPA : 3.89/4.00
Minor - Technology & Management as a member of The Hoeft T&M Program
James Scholar and Dean's list: F16 , S17 , F17, S18
Courses/Topics: Data Structures, Discrete Structures, Functional Programming, Introduction to Electronics, Introduction to Computing, Computer Systems and Programming, UI Design, Digital Systems Laboratory, Analog Signal Processing , Data Visualization

Work Experience

Software Engineering Intern, The Tech Nest, AARP   **Spring & Summer 2018**
- Developed an Alexa Skill for the elderly (with DynamoDB integration using Node.js) intended to decrease social isolation and encourage sharing of experiences
- Developed an external facing website for The Tech Nest aimed to represent the company's culture, work experiences, projects and interns (React JS)
- Developed the frontend (animations) for a mobile app used to track a child's attentiveness

Corporate Relations Vice President, Women in ECE   **04/01/2018 - Present**
- Establish corporate relations with companies for organizing events, tech talks and scholarships for the members of Women in ECE and ensure smooth running of the organization (previous Outreach Director)

Course Assistant for ECE 110 (Introduction to Electronics)   **08/2017 - Present**
- Assist 30 students in laboratory to help them use the Oscilloscope and other instruments, debug and understand circuits and understand conceptual electronics concepts

Data Analyst Intern, HCL Infosystems   **Summer 2017**
- Analyzed a company's inventory stocks to find out the total capital stuck due to excess inventory and the ideal sales velocity required to minimize wastage (MySQL)

Personal Projects

Android App: (Wo)Men2Be   **- 2017 (CodeADA Hackathon) [Won First Place]**
- Developed an android application that connects and pairs girls in high schools from the Chambana region to women mentors at UIUC for specific desired technical skills

Android App: LecNotes   **- 2017 (BoilerMake Purdue Hackathon)**
- Attempted to create an application with push notification that takes running notes for lectures by converting speech to text and stores it on the database for easy student access.

Data Science: SongRec Engine   **- 2017 (Association of Data Science and Analytics)**
- Worked in the Recommendation team to build an algorithm that recommends songs by calculating the closest match between songs using quantitative features

Sensors and Circuit: Independent Study
- PingPongPaddlePro: Created a project that uses various sensors (Accelerometer, Gyroscope, IMU) to give a ping pong player the angle, velocity and acceleration of his shot so that it could be used as feedback to improve performance   **- Spring 2017**
- PinPoint: Designed a project to detect if a seat is occupied, vacant or broken using pressure sensors and displayed results using LEDs for use in lecture halls   **- Fall 2016**

Skills

- C/C++, Python, Java, Javascript, React JS, Tableau, HTML/CSS, MySQL, Bootstrap, Alexa skill development, Excel, Android Studio, LC3

Awards and Honors

- Selected to receive the Oakley Scholarship ($1000) as an 'outstanding female student in the ECE Department' in terms of scholastic records and leadership roles   **- 2017**
- Member of the ECE Honors Society (Eta Kappa Nu)