RISHABH ANAND

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EDUCATION

University of Illinois at Urbana Champaign   **Expected Graduation: May 2020**
B. S. Electrical Engineering | #5 Program in the U.S.   **Tech GPA: 3.61/4.00**

RELEVANT EXPERIENCE

The Tech Nest at AARP | Innovation Lab for One of the Most Powerful Lobbying Groups in America
Intern II – Voice Enabled Technology Development   **August 2017 – Present**
- Developed automation tools to reduce stress on Level 1 Tech Support significantly by leveraging the Cortana/Skype Bot Platform developed on Microsoft Azure, using Cognitive Services
- Prototyped a proof of concept in two weeks after ideation at the end of the summer internship and was thus asked to return

Intern I – Voice Enabled Technology Development   **May 2017 – August 2017**
- Built out a service that could affect 38 million AARP members by exploring the Google Home platform
- Conceived, and prototyped project to solve Isolation amongst the elderly, by using api.ai, Python, Flask, Twilio, and SQLite

OTCR Consulting | Completed 2 Engagements and Led Multiple Internal Facing Initiatives
Consultant   **February 2017 – Present**
- Revamped the e-commerce operations of a B2B Fortune 500 by developing a tech strategy and implementation roadmap
- Co-leading a brand image initiative for the firm, to improve relations and perception amongst different stakeholders
- Proposed and led the development of a SlackBot to get members quick access to all OTCR relevant information
- Developed a module on Data Classification in R as part of a data analytics training
- Developed a go-to-market strategy for an ad-tech startup which uses machine learning and big data for targeted marketing

Illini Internet of Things (IoT) Association | Co-Founder of the First IoT Focused Student Organization at the University
President, Co-Founder   **January 2017 - Present**
- Established relationships and raised funding from relevant industry leaders including ReadWrite, Microsoft, and Graybar
- Featured in the News-Gazette for starting the organization and the relevance of the grand vision for the district
- Increased operational efficiencies and drove customer value for a Fortune 500 B2B, by recommending use cases and building wireframes for leveraging Voice-Enabled Technologies across the company's value chain
- Ideated and partnered with the computer based testing facility for a project to leverage comp3uter vision to augment proctors

Juniper Networks | S&P 500 Networking Products Company with $4.85 Billion in Revenue
Intern   **June 2015 – July 2015**
- Identified key addressable areas by conducting research in current sales and marketing operations of the company
- Drove down costs and increased conversions by recommending new digital first marketing strategy
- Explored market opportunities by researching the Internet of Things, and received an appraisal letter from the CTO

Indian Institute of Technology | India's Premier Institution for Higher Technical Education
Intern   **December 2014 – January 2015**
- Worked closely with the Assistant Professor for Electrical Engineering and faculty for the Wireless Communications Lab
- Theorized a 50% reduction in response time for ambulance, by conceptualizing a project to automate the emergency response system using Cell Tower Triangulation and GPS Enabled ambulances, proved it with a proof-of-concept built using Python

PUBLICATION

Internet of Things (IoT) the Next Big Revolution
International Journal of Advanced Technology in Engineering and Science   **January 2016**

SELECT PROJECTS

Ask Eliza (Amazon Echo Skill)
- Developed a skill leveraging the Intel Edison to monitor bodily functions such as temperature and pulse
- Used IBM Watson API to perform personality analysis and give feedback via email

First Iteration Autonomous Car
- Assembled and programmed a car to intelligently navigate an obstacle course, by mounting two ultrasonic sensors on a servo

Igniting Sparks
- Ideated and developed a portal to feature contributions made by the youth as a solution to Singapore's happiness problem
- Led a team of 6 students and pitched the ideas to leaders from companies including: DBS and PricewaterhouseCoopers, as part of Common Purpose SG50 Young Leaders Program: A select program for 120 high achieving students from Singapore

AWARDS

GIIS Global Citizen Scholarship   **2014 – 2016**
- One of 6 students selected from Indian or Indian Origin high school sophomores from all over the globe
- Awarded a fully paid scholarship to complete high school in Singapore pursuing the International Baccalaureate Program

ThinkChicago: Chicago Ideas Week Civic Tech Challenge | Top 5 Proposals   **October 2017**
- Proposed a program to use predictive analytics to identify and target Chicago Public School system students to set up targeted budgeting programs, loan assistance and scholarship distribution
- One of top 5 proposals selected from 20 teams, comprised of 200 top students from across the country

INTERESTS

Squash • Golf • Swimming • Photography • Reading (Non-Fiction) • Suits (TV Show) • House of Cards (TV Show)