Rishabh Anand

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EDUCATION

University of Illinois at Urbana Champaign
B.S. Electrical Engineering 2020 – (Tech GPA – 3.61)

PROJECTS

OTCR Slackbot   *Sep 2017 to Present*
- Planned, proposed and leading an initiative to build a Slackbot for OTCR's members to get access to all forms of information relevant to the organization

Ask Eliza (Amazon Echo Skill)   *Jan 2017 to Feb 2017*
- Developed a skill leveraging the Intel Edison to monitor bodily functions like temperature and pulse
- Used IBM Watson API to perform personality analysis and give feedback via email

First Iteration Autonomous Car   *Aug 2016 to Dec 2016*
- Assembled and programmed the first iteration of an autonomous car
- Mounted two ultrasonic sensors on a servo to sweep around the car to navigate an obstacle course intelligently

Igniting Sparks | Best Pitch   *October 2015*
- 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 program for 120 high achieving students from Singapore

Emergency Response Automation System   *Dec 2014*
- Theorized a 50% reduction in response time for ambulances by conceptualizing an automation of the emergency response system using Cell Tower Triangulation and GPS Enabled ambulances,
- Proved hypothesis with a proof-of-concept built using Python

PUBLICATIONS

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

AWARDS

Global Citizen Scholarship – 2014
- Received fully paid scholarship awarded to 6 Indians to complete high school, pursuing the International Baccalaureate program in Singapore
- Open to any student from across the globe, Indian, or of Indian Origin

ThinkChicago Chicago Ideas Week | Top 5 Proposals
- 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 students from across the country

SKILLS/FRAMEWORKS

Languages/Frameworks
Python • C • Shell • Flask • Git • SVN
Project Management
Agile/Scrum • Project Scheduling, Discovery and Planning • Budgeting • Design Thinking

EXPERIENCE

The Tech Nest at AARP (contracted by AllSource)
Intern II   *Aug 2017 to Present*
- Developing 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 for the service in two weeks after ideation at the end of the summer internship and was thus asked to return

Intern   *May 2017 to Aug 2017*
- Conceived and prototyped project to solve Isolation amongst the elderly that could affect millions of AARP members by utilizing the Google Home platform, built using Dialogflow.com, Python, Flask, Twilio, and SQLite

OTCR Consulting
Consultant   *Feb 2017 to Present*
- Revamping the e-commerce operations of a B2B Fortune 500 by developing a tech strategy and implementation roadmap
- Co-leading a brand image initiative, to improve perception and relations with different stakeholders
- Developed a module on Data Classification 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 Association
Founding President   *Jan 2017 to Present*
- Founded the University's first IoT focused student organization with a co-founding team of 5
- Increasing operational efficiencies and driving customer value for a Fortune 500 B2B by recommending use cases and building process-flow charts for leveraging Voice-Enabled Technologies across the company's value chain, by following agile principles and adopting a scrum methodology
- Ideated and partnered with the computer based testing facility for a project to leverage computer vision to augment proctors
- Featured in the News-Gazette as the "youngest high-tech innovator" for starting the organization
- Established relationships and raised funding from relevant industry leaders including ReadWrite, Microsoft and Graybar

Juniper Networks
Intern   *Jun 2015 to Jul 2015*
- Drove down costs and increased conversions by recommending a new digital first sales and marketing strategy
- Explored market opportunities by researching the Internet of Things and received an appraisal letter from the CTO

Indian Institute of Technology
Intern   *Dec 2014 to Jan 2014*
- Learnt basics of Electrical Engineering and developed the emergency response automation system by working closely with the Assistant Professor for Electrical Engineering and faculty for the Wireless Communications Lab