Kelly Glynn Devan

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EDUCATION

Bachelor of Science, Computer Science   Tampa, FL
Minor Concentration: Physics   Expected May 2022
University of South Florida, Tampa, FL

EXPERIENCE

AWS Hackathon Data Scientist/Machine Learning Modeler Representative (2020)   Tampa, FL
1. Analysis of Brute Force Attack with code in Python   Fall 2020
2. Apply machine learning methods to the data gain new perspectives of the data

IT Services Technician *(Information Technology Department)*   Tampa, FL
                                                                                    Fall 2020

1. Responsible for Performing basic computer hardware/software installation and configuration
2. Configuring and installing of new IT equipment for faculty and students
3. Using diagnostic tools to identity issues and evaluating the available information
4. Provide customer support to faculty, staff, and students (JIRA Software)

University of South Florida Computational Sociodynamics Laboratory   Tampa, FL
1. Analysis of social networks amongst news aggregation and recommendations systems Fall 2020
2. Performed cleaning data and annotating texts

Engineering Technology Lead *(Girl Scouts of West Central Florida)*   Tampa, FL
1. Manufactured a portable speaker using 3D printing parts and design using Tinkercad to enhance   Fall 2020
   teaching skills for the scouts
2. Collaborated with other peer developers to design and brainstorm frontend presentation using HTML, CSS, J

Miss International USF Nominee and Participant (2020)   Tampa, FL
                                                                         Fall 2019 -Spring 2020
1. Responsible for launching and hosting a 300+ event in promotion of awareness of various cultures and
   communities within University of South Florida
2. Conducted three target community service outreach programs raised $5450 profit by managing distribution and
   acquisition efforts, as well as creating an online social interactive program
3. Aided mentorship to incoming international students

Founder of MIT Launch Club X at GEMS First Point School (Club President)   Dubai, U.A.E
1. Founded young entrepreneurs program within the GEMS community amongst over 100+   Fall 2017-Present
2. students
3. Responsible for the launch of 12 real companies throughout campus
4. Familiarized using the MIT design thinking process to discover innovative prototypes and user testing, and
   gaining traction through getting real customers and partnerships

Oxford Royale Academy, United Kingdom: Law School Preparation   Oxford, U.K.
1. Gained insight into what constitutes a strong application to study Law within Oxford University   Summer 2016
2. Practiced critical thinking and logical reasoning skill through interview technique
3. Gained an understanding of Contract, Commercial and Business Law in the U.K.

PROJECT & RESEARCH EXPERIENCE

University of South Florida Association for Computing Machinery   Tampa, FL
Project: Surgery Simulation Robot   Fall 2020
Integrational Specialist
1. Optimized code to be able to be adapted to a web application by WebGL
2. Developed 3D design to coincide with designed hardware components for the surgical robot.
3. Designed robot's control components with Raspberry Pi linked up to multiple Arduinos (C++)

VOLUNTEER EXPERIENCCE

WiDS (Women in Data Science) Ambassador (Stanford University) 2021
1. Elected as WiDS Ambassador to create and execute an event within Tampa, FL that   Tampa, Fl
   coincides with the WiDS Worldwide Conference.   Spring 2020

SASE (Society of Asian Scientists and Engineers) Southeast Regional Conference   Tampa, FL
Network Committee: Programming Lead   Spring 2020

Volunteer for WiDS Puget Sound 2021 (Stanford University)   Stanford, CA
1. Networking Facilitation   Spring 2021
2. Sponsorship
3. Public Relations and Attendee Experience
Data Kind Volunteer   Tampa, FL
                                                                                                                             Fall 2020
Statistics Without Borders Member   Tampa, FL
                                                                                                                             Fall 2020

SKILLS & INTERESTS

Programming Languages Python, Java (Intermediate), R, SQL, HTML(Familiar)
Software SAS, Apache Spark, MATLAB, Microsoft Office Suite, Excel (Expert)
Certifications: UCSandiegoX Python for Data Science, Harvard X CS50's Intro to AI with Python, BerkeleyX Bitcoin and Cryptocurrencies, HarvardX Data Science: R Basics and Machine Learning, Tableau Desktop Specialist, Columbia X Machine Learning for Data Science and Analytics
Languages: Spanish Basic Proficiency

PROFESSIONAL SUMMARY

Growing in the Middle East & Asia, I have gained a youthful insight to experiencing and adapting to various cultures, diversity and an array of opportunities where I attained a national swimming position for my home country, Malaysia. Including, competing at the AAU Junior Olympics successfully with winning one gold and 5 silver, and one bronze medal. Transforming, myself I delved into the glass ceiling of STEM to advocate for sustainability for the improvement of nature and humanity. I successfully completed an in-depth research paper, ''To what extent is living underwater within the 21st century possible for the human race'. In doing so, I have asserted myself into the field of data science where I partake in ongoing big data to analyze the use of fossil fuels, in coincide of building machine learning solutions for challenges faced globally. Conclusively, this advocates for my life mantras to empower individuals to strive for expertise and excellence for the evolution of humanity, and nature, 'To go boldly where no man has gone before,'.