Saaket Poray

saaketporay@gmail.com https://linkedin.com/in/saaketporay saaketporay

Education

The University of Texas at Dallas Aug. 2019 - Current
B.S. in Computer Engineering w/ minor in Finance, GPA 3.2/4.0
Coursework: Programming I (C++), Programming II (Java), Discrete Math I, Digital Systems, Differential/Integral/Multivariable Calculus, Linear Algebra
Leadership: Treasurer @ UTDesign Makerspace, Treasurer @ UTD Robotics Club, Projects Lead @ Society of Asian Scientists and Engineers
Outside University: Introduction To Quantum Computing - The Coding School/IBM Quantum (May 2021), Android App Development - CodePath (Dec 2020)

Experience

The University of Texas at Dallas, *Undergraduate Researcher on Autonomous Vehicles* Feb. 2020 - Current
- Currently working on creating a device that can accurately measure current drawn and average current used at a particular time
- Learning about autonomous vehicles and how the software interacts with the hardware
- Currently on hold due to COVID-19

Code Ninjas, *Computer Science Instructor/Lead Summer Camp Instructor* Feb. 2019 - Aug. 2019
- Taught programming to kids ages 7-14
- Created curriculum for certain summer camps
- Led summer camps in the topics of Cybersecurity, Android Apps, and JavaScript

Projects

Remote Control Room Measuring Robot
- Built a room measuring robot by programming a MSP-432 LaunchPad with Energia
- Utilized and programmed a radio control receiver and transmitter to control the robot
- This project was built as part of being accepted to participate in Texas Instrument's Summer Project 2020
- Skills used: Energia, C++, Circuit Design

Quick Errand
- Created a proof of concept app using Flutter for DEFHacksVirtual 2020 with a team of 3
- Worked on the front end aspects of the app such as UI design
- The app allows a user to request services such as lawn mowing
- Skills Used: Flutter, Firebase, Dart

Stove-top Flame Notifier
- Created a hardware device using an Arduino and Raspberry Pi
- Developed a program that sends a message to your phone if flame is detected by using the Pushbullet API
- Skills Used: Arduino, Raspberry Pi, C++, Python, Pushbullet API

ChargeMe - First Place Winner @SASEtank
- ChargeMe is a power bank rental service in malls and amusement parks that allows a person to keep their phone charged while on the go
- First team in the history of SASETank to be from high school among college students
- Won a $1,250 scholarship

Skills

LANGUAGES: Java, C++, MATLAB, JavaScript, Python (learning at the moment)
HARDWARE: Arduino, Raspberry Pi, Robotics, Drones, RC Aircraft, Circuit Design
MACHINES: 3D Printer, Drill Press, Saws
DATA TECHNOLOGIES: App Development (learning), Machine Learning (learning), Quantum Computing (learning), Linux
LEADERSHIP/BUSINESS: Finance, Accounting, Investing, Team Leadership, Problem Solving, Time Management, Creativity, Patience, Communication

Awards

H&R Block Budget Challenge Winner Apr. 2019
- Ranked #1 out of 42,952 students participating in the challenge
- Received a $20,000 college scholarship

Youth In Philanthropy Scholarship, *The George Foundation in Honor of Dee Koch* Apr. 2019
- Received a $5,000 college scholarship for my community service contributions

Rotary Youth Leadership Award, *Rotary International* Feb. 2018

Black Belt, *Tiger Rock Martial Arts (Taekwondo)* June 2018

Volunteering

Shape Up Fort Bend, *Chair of The Youth Board*
- Responsible for managing over 50 youth members
- Recruited new members for various events such as the International Gulf Coast Dragon Boat Regatta which won first place 2 years in a row in the UMIX division
- Organized an after school program in an underserved community to bring awareness to healthy living and well-being among elementary school children