

Saaket Poray

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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

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

Skills

LANGUAGES: Java, C++, MATLAB, 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)

LEADERSHIP/BUSINESS: Finance, Accounting, Investing, Team Leadership, Problem Solving, Time Management, Creativity, Patience, Communication

Projects

Remote Control Room Measuring Robot

- Built a robot that can help you measure a room as part of TI-RSLK Summer Project 2020
- Skills used: Energia, C++, Circuit Design

Quick Errand

- Created a proof of concept app for DEFHackVirtual 2020 with a team of 3
- The app allows a user to request services such as lawn mowing
- Skills Used: Flutter, Firebase, Dart

Stove-top Flame Notifier

- This device lets the user know if the stove is on via your phone
- If flame is detected, the raspberry pi would send a message to your phone 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

Awards

H&R Block Budget Challenge Winner

Apr. 2019

- Ranked #1 out of 42,952 students participating in the challenge

Youth In Philanthropy Scholarship, The George Foundation in Honor of Dee Koch

Apr. 2019

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

Nov. 2015 - June 2019

- 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 UMIK division
- Organized an after school program in an underserved community to bring awareness to healthy living and well-being among elementary school children