

# 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), Linux

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