

shruti das

32 BOICE LANE, BELLE MEAD NJ 08502
SHRUTID647@GMAIL.COM
732-986-5976

SHRUTIDAS.COM
SHRUTIDAS
SHRUTI--DAS

education

BACHELOR OF SCIENCE, COMPUTER ENGINEERING

EXPECTED MAY 2021

University of Maryland — College Park, MD

- Grace Hopper Scholarship — Maryland Center for Women in Computing
- Dean's List — A. James Clark School of Engineering

BACHELOR OF ARTS, KATHAK DANCE, DISTINCTION

MAY 2016

SAMVED Conservatory of Indian Classical Music & Dance — Somerset, NJ

- achieved Bachelor's degree in Indian dance form after 8 consecutive years of full-time, formal training & performing

work experience

GLOBAL TECHNOLOGY ANALYST INTERN, BANK OF AMERICA — NEW YORK CITY

JUNE 2019 - AUGUST 2019

CO-EXECUTIVE DIRECTOR, TECHNICA HACKS — WASHINGTON DC METROPOLITAN AREA

NOVEMBER 2018 - PRESENT

- current director for largest all-women hackathon in the world, introducing 800+ women to the tech industry
- responsible for securing funds, recruiting sponsors, overseeing project designs, & networking events

SYSTEMS DEVELOPMENT INTERN, RUTGERS UNIVERSITY WINLAB — NJ TECH CENTRE

MAY 2018 - AUGUST 2018

- built an end-to-end IoT framework for persisting data through embedded home automation technology
- implemented machine learning models to predict home behaviors & detect wireless attacks with 97% accuracy

RESEARCH FELLOW, DEPT. OF RESOURCE ECONOMICS — UNIVERSITY OF MARYLAND

JANUARY 2018 - MAY 2018

- debugged R scripts used to interpret wind power market volatilities, analyzing data from US ERCOT region
- developed research methods to focus on sustainable solutions for inequitable economic growth

relevant projects

IOT BANDWIDTH LOCATORS FOR USER EVALUATION — WINLABIOT.WIXSITE.COM/BLUE

- developed security-conscious framework with embedded wireless sensors
- utilized Bluetooth & Z-wave protocols, openHAB technology, InfluxDB

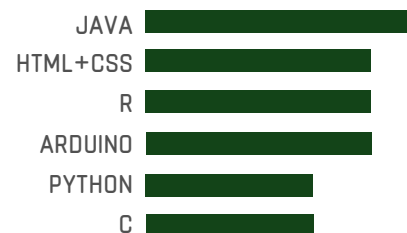
AUTONOMOUS OVER SAND VEHICLE — SHRUTIDAS.ME/OSV.PDF

- lead engineer in team of eight engineers constructing autonomous OSV
- designed vehicle to identify & extinguish active flames

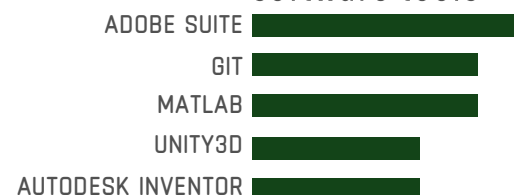
CYBER-PHYSICAL MARIO KART — SHRUTIDAS.ME/MARIOKART.PDF

- developed security-conscious framework with embedded wireless sensors
- utilized Bluetooth & Z-wave protocols, openHAB technology, InfluxDB

programming



software tools



leadership & activities

MARKETING DIRECTOR, BITCAMP

NOVEMBER 2017 - PRESENT

- produced & led marketing video series for largest spring hackathon on East coast improving hacker retention by 18%

CHAPTER FOUNDER, PRESIDENT EMERITUS, PERIOD INC.

DECEMBER 2017 - DECEMBER 2018

- conceptualized national PERIOD. chapter in College Park holding events advocating for rights to menstrual hygiene

MEMBER, SOCIETY OF WOMEN ENGINEERS • University of Maryland Chapter

AUGUST 2017 - PRESENT