shruti das

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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
- JAVA
- HTML+CSS
- R
- ARDUINO
- PYTHON
- C

software tools
- ADOBE SUITE
- GIT
- MATLAB
- UNITY3D
- AUTODESK INVENTOR

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