Shruti Das

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Education

Bachelor of Science, Computer Engineering   EXPECTED MAY 2021
University of Maryland — College Park, MD

  • Undergraduate Teaching Assistant — ENEE101: Introduction to Computer & Electrical Engineering Laboratory
  • Top 50 Hacker of 2020 Award Recipient — Major League Hacking (top.mlh.io/2020)
  • Adele's Circle of Women Scholarship Recipient — University of Maryland
  • Engineering Honors Program, Dean's List, Yurie Scholar — A. James Clark School of Engineering

Bachelor of Arts, Kathak Dance, Distinction   MAY 2016
SAMVED Conservatory of Indian Classical Music & Dance — Somerset, NJ

Work Experience

Venture Partner, Contrary Capital — DC Metropolitan Area   FEB 2020 - PRESENT
• source, evaluate, and invest up to $500K in startups across universities in the United States

Research Assistant, Human Computer Interaction Lab — College Park, MD   JAN 2020 - PRESENT
• under Dr. Michelle Mazurek in SP2, observing human behavior related to security advice & encrypted messaging

Co-Executive Director, Technica — DC Metropolitan Area   DEC 2018 - DEC 2019
• directly oversaw all operations for world's largest all-women & nonbinary hackathon drawing 900 students annually
• responsible for securing funds, recruiting sponsors, managing designs, supervising event logistics

Cloud Platform Engineering Intern, Bank of America — New York, NY   JUNE 2019 - AUG 2019
• implemented an internal full-stack application to monitor health of cloud's microservices with Spring, Mongo, HTML
• provided comprehensive & consolidated approach for developers to resolve cloud provisioning bugs 20% faster

Systems Engineering Research Intern, WINLAB — Rutgers University   MAY 2018 - AUG 2018
• developed an end-to-end IoT framework to persist data real-time with embedded sensors
• tested machine learning models to improve home automation & detect wireless attacks on system

Data Research Analyst, Dept. of Resource Economics — College Park, MD   JAN 2018 - MAY 2018
• analyzed wind power market volatilities to focus on sustainable solutions toward equitable economic growth

Relevant Projects

Interact — DEVPOST.COM/SHRUTI-DAS
• built an interactive, touch-sensitive map showcasing progress towards gender equality

IoT Home Automation Security Study — WINLABIOT.WIXSITE.COM/BLUE
• developed a security-conscious framework with embedded wireless sensors home automation use

Cyber Physical Mario Kart — SHRUTIDAS.GITHUB.IO/MARIOKART.PDF
• designed and prototyped a virtual reality simulation of "Mario Kart" with a real go-cart within a test track
• created an immersive, safe UX with Crazy Cart XL, Oculus Rift DK2, Google Tango tablet, automatic breaking system

Skills

JAVA
HTML5 + CSS3
ADOBE SUITE
MATLAB
C
ARDUINO

Leadership & Activities

Venture Fellow, Startup Shell • DC based incubator with >$40M value   MARCH 2019 - PRESENT

Marketing Director, Bitcamp • improved hacker retention by 18% via social media   MAY 2018 - MAY 2019

Chapter Founder, President Emeritus, Advisor, PERIOD. Inc.   DEC 2017 - PRESENT
• conceptualized national chapter in College Park advocating for rights to menstrual hygiene