Shruti Das

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shrutidas.github.io

Education

University of Maryland, College Park
Bachelor of Science, Computer Engineering
Expected May 2021

SAMVED Conservatory of Indian Classical Dance
Bachelor of Arts, Kathak Dance
Apr 2008 — May 2016

Skills

Languages: Java, HTML5, CSS3, Swift, MATLAB
Tools: MATLAB, Adobe Creative Suite, Final Cut Pro, Sketch, Figma

Activities & Societies

Science Diplomacy Fellow   Aug 2020 - present
Global Fellows in Washington DC
Selected for a year-long fellowship exploring the foreign science and technology policy nexus

Venture Partner   Feb 2020 - present
Contrary Capital
Source, evaluate, and invest up to $500K in top startups across US universities

Lab Teaching Assistant   Jan 2020 - present
Department of Electrical & Computer Engineering
Develop lesson plans & lead two 2-hour labs per week for first-year students; introducing key concepts in circuit theory, communications and controls, & signal processing

Tour Guide & Ambassador   Apr 2019 - present
A. James Clark School of Engineering
Host campus tours, information sessions, and open houses for prospective & incoming students and families

Marketing Director   May 2018 - May 2019
Bitcamp Inc.
Led social media expansion and video production to improve retention rates for largest East coast hackathon

Chapter Founder & President   Dec 2017 - Jan 2020
PERIOD. @ UMD
Advocated for menstrual equity & allocated funds to initiate free menstrual product program on campus

Experience

Software Engineering Intern   May 2020 - Aug 2020
Apple Inc. — (Virtual) San Francisco Bay Area
- Developed iOS features for the Mobile Apps team
- Worked with Swift frameworks & NFC tag technology

Research Assistant   Jan 2020 - present
Security, Privacy, & People Lab — U of Maryland
- Assessing mental models surrounding end-to-end encryption in apps such as iMessage, Facebook Messenger, and Whatsapp

Co-Executive Director   Dec 2018 - Dec 2019
Technica — DC Metropolitan Area
- Oversaw operations for world's largest all-women & nonbinary hackathon hosting ~1000 students annually
- Responsible for securing funds, recruiting sponsors, managing designs, supervising cross-event logistics

Platform Engineering Intern   Jun 2019 - Aug 2019
Bank of America — New York City
- Built an internal full-stack health monitoring application for cloud's microservices (Spring, Mongo)
- Improved overall process for developers to resolve cloud provisioning bugs 20% faster

Systems Engineering Intern   May 2018 - Aug 2018
Wireless Information Network Laboratory — Rutgers
- Developed end-to-end embedded IoT frameworks persisting real-time sensor data
- Tested machine learning models to improve home automation & detect wireless attacks on systems

Research Fellow   Jan 2018 - May 2018
Department of Resource Economics — U of Maryland
- Debugged R scripts to analyze wind power market volatilities from US ERCOT region
- Further advanced research methods to focus on sustainable solutions for equitable economic growth