

# Shruti Das

(732) 986 5976  
shrutid647@gmail.com  
[shrutidas.github.io](https://github.com/shrutidas)

## 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

● **Research Assistant** Aug 2020 – present  
**Human Computer Interaction Lab – U of Maryland**

- Collaborating on technical HCI projects covering design, fabrication, and human-robot interactions

● **Software Engineering Intern** May 2020 – Aug 2020  
**Apple Inc. – (Virtual) San Francisco Bay Area**

- Developed new iOS features within the Mobile Messaging Apps division
- 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