

# Amita Shukla

amitashukla.co

I am passionate about the intersection of policy, technology, and design! I am at my best when working with interdisciplinary teams and challenges.



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New York, New York

## WORK EXPERIENCE

### Microsoft Civic Tech Fellow Microsoft

10/2017 – Present

Propose and implement civic technology projects for Microsoft's social impact arm, specifically, in the area of justice and the prison system

### Data Analytics Intern U.S. Department of State

08/2017 – Present

Achievements/Tasks

- Create engaging infographics with open datasets
- Use statistical modeling and data mining to gain useful policy conclusions from big datasets
- Form part of a proof-of-concept team of the youngest and most geographically diverse team in State

### Web Development Intern United Nations- Harmony with Nature Initiative

08/2016 – 01/2017

Achievements/Tasks

- Update and restructure a website and accompanying database
- Part of UN Resolution A/RES/65/164 and Sustainable Development Goals 11 and 17
- [www.harmonywithnatureun.org](http://www.harmonywithnatureun.org)

## PERSONAL PROJECTS

### Prosthetic Hand (12/2015 – 02/2016)

- Modify and build a prosthetic hand for a child in partnership with the organization eNABLE

### MakerSpace Creation (12/2015 – 06/2016)

- Wrote grants and worked with community organizations to create a MakerSpace for the students of the Highland Park School District
- Wrote curriculum involving 3D printer with the Calculus Teacher (teaching integrals) and Sculpture Teacher (modern methods of prototyping; additive sculpture methods) as well as Intro to Making curriculum for all ages

## EDUCATION

### Computer Engineering; Political Science Columbia University

09/2016 – Present

New York City, NY

Courses

- Data Structures in Java
- Fundamentals of Computer Systems
- Intro to Electrical Engineering
- Signals and Systems

## SKILLS

Java

Python

JavaScript

C++

Web Design

R

Tableau

SQL

PHP

Android Dev

## ACHIEVEMENTS

### Columbia University Presidential Global Fellow (01/2017 – Present)

Formed part of a cohort receiving fully-funded study abroad and leadership opportunities on campus after a highly competitive application

### James Dyson Design for America Fellow (07/2017 – Present)

Represent Columbia University and the James Dyson Foundation; create workshops on design and give them at Columbia

### Columbia Accenture Innovation Challenge Winner (03/2017)

In partnership with Habitat for Humanity, propose a sustainable strategy for volunteer retention; Team Lead

### National Merit Award Finalist

## ORGANIZATIONS

### Design for America (09/2016 – Present)

2017-18 Began partnership with IBM and Harlem schools teaching design thinking

2016-17 Created wearable device to track air pollution

### Rikers Coding Project (09/2017 – Present)

Create and hold workshops at Rikers Island teaching basic coding skills to young inmates to prepare them for life after incarceration

## LANGUAGES

English



Spanish



French



Korean



## INTERESTS

Human-Centered Design

Product Design

Fine Arts