

# SaraAnn Stanway

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## Education

RUTGERS UNIVERSITY | 2019

Honors College scholar

Pursuing B.S. in Computer Science

## Courses

Operating Systems, Algorithms,  
Systems Programming, Databases,  
Programming Languages, Computer  
Architecture, Internet Technology

## Skills

### TECHNICAL

Java, Python, C, SQL

Git, Flask, Django, Linux

## Clubs

### UNDERGRADUATE ALLIANCE OF COMPUTER SCIENTISTS

PRESIDENT

- Increased female community involvement by over 300% through mentorship, inclusion & outreach
- Working with faculty to address curriculum pain points and improve student academic experience in all courses

### Founder, RUniteCS

- Started [outreach program](#) which boosts tech excitement in K-12 students with through Google Hangouts panels hosted by computer science undergraduates
- Program currently engages over 17,000 students and plans are underway to extend involvement to university partners with MLH

## Experience

### SOFTWARE ENGINEERING INTERN

TWILIO CLOUD ORCHESTRATION TEAM | SUMMER 2018

- Building [internal backend services](#) and tools to support globally distributed cloud infrastructure
- Support provisioning, deploying, discovering, and managing global cloud infrastructure
- Used Java to build service suspension for [automated microservice remediation system](#) as betterment for recent autoscaling malfunction

### SOFTWARE ENGINEERING INTERN

WELLTHY | SUMMER 2017

- Independently designed and built dashboard with Django for use in customer engagement analytics across industry partnerships
- Provided ability to view platform utilization and distribution of services used, promoting partnership relations and company growth

### HACKNY FELLOWSHIP

CLASS OF 2017

- Member of an [intensive program](#) made to integrate top tech students into NYC startup ecosystem
- Connected with and received resources and lectures from prominent individuals in NYC technology community

### SUMMER RESEARCH ASSISTANT

RUTGERS UNIVERSITY | SUMMER 2016

- Worked with a Ph.D team on SOCRATES, a platform to collect, analyze, and graph data from social media
- Upgraded caliber of analysis by integrating user-generated formulas

## Projects

### Scheduler and Virtual Memory

- Used C to develop [thread scheduler](#) with cross between FIFO and Round Robin algorithms for prioritization and time allocation
- Created [virtual memory system](#) with segmented paging structure, supporting malloc, free, and the creation of swap files

### Garfield | New York Human Trafficking Response Unit

- Open source contributor to [Twilio bot](#) assisting NYPD in apprehension of buyers of underground commercial sex