

Mishcat Ibrahim

✉ Mi243@cornell.edu | ☎ (347) 257-9518 | 🌐 mishcat | 📺 mishcat-ibrahim

EDUCATION

Cornell University

Ithaca, NY

Expected Graduation: May 2019

B.A. in Computer Science

Stuyvesant High School

New York, NY

Graduated June 2015

RELEVANT COURSEWORK

Algorithms
Computer System Organization and
Programming
Data-Driven Web Applications
Foundations of Artificial Intelligence
Functional Programming
Discrete Structures
Intro to Theory of Computing
Machine Learning for Intelligent Systems
Networks II
Object-Oriented Programming
Operating Systems

SCHOLARSHIPS AND AWARDS

Loews Corporation Scholarship
Cornell Meinig Family Scholarship
Big Idea Competition 2018 Semifinalist

LEADERSHIP DEVELOPMENT

Management Leadership for Tomorrow (MLT)

Career Prep Fellow

June 2017 – Present

Selected as one of 350 for an 18-month professional development program for high-achieving diverse talent

Complete business case studies and projects to hone analytical, quantitative and communication skills

TECHNICAL SKILLS

Proficient in:
Java, Javascript, HTML/CSS, Git

Familiar with:
C, Python, Matlab, R, SQL

WORK EXPERIENCE

Goldman Sachs

New York, NY | **Summer Technology Analyst** **June 2018 – August 2018**

- Developed a REST API Service in Java to check the status of company controls that are specific to a product
- Re-designed the database that hosts the various controls that apply to organizations and integrated the database using Reladomo

Harris Corporation

Clifton, NJ | **Software Engineering Intern** **May 2017 – August 2017**

- Assisted in coding a Matlab script to automate the process of creating charts to analyze 270,000+ data points for 24 different transmitters to identify which transmitters may have issues
- Prepared and presented PowerPoint presentations weekly for a six-week period to summarize findings to upper management

PROJECTS

ML_Lyrics

August 2018

- Used Tensorflow and Keras to create a program that generates music lyrics based on a compilation of songs of a given artist

in.bloom (Won 2nd place at Cornell's Life Changing Labs Make-A-Thon)

Lead Developer

February 2018

- Utilized an Arduino Uno, touch sensor, buzzer, and LCD text display to design a prototype of a phone case that senses how long a user has been continuously using their phone and alerts of them of this use
- Engineered a motorized flower pot using an Arduino and servos such that the flowers start off wilted and rise once a user has pressed a button, signaling that they've called a loved one

OVegas

Nov 2017 – Dec 2017

- Developed the game logic for Poker using OCaml and wrote functions to reflect state changes with every round and determine valid commands based on the round and the previous player's move
- Defined the hierarchy of different types of poker hands and pattern matched to determine the best hand out of all 21 possible combinations for an AI bot

CAMPUS INVOLVEMENT

Underrepresented Minorities in Computing

Mentorship Co-Director

April 2017 – Present

- Manage a mentorship program and pair underclassmen computer science and information science majors with upperclassmen mentors who can advise them about the Computer Science/Information Science majors
- Organize bi-weekly community events to bring together underrepresented minorities in tech at Cornell

Women in Computing at Cornell

Volunteer

February 2016 - Present

- Volunteer at Cornell's chapter of Girls Who Code and introduce 14 high school women in the Ithaca community to programming weekly
- Guide students in completing worksheets and assist them with final projects which include creating websites and programming an Arduino in C