

SHIRLEY KABIR

Computer science major at Cornell University seeking an internship/co-op that will utilize my skills and experiences that will further expose me to fields such as Systems Security, Big Data, and/or Machine Learning.

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experience

oct 2017 **CMSX DEVELOPER**

- present *Cornell University \ Ithaca, NY*

On the Front-end team, duties consist of redesigning the site for better user experience as well as restructuring data integration, from XML to HTML files, with a number of JavaScript libraries. On the Java team, updating the existing 60,000+ lines of code to be able to efficiently and successfully make the front-end transition.

oct 2017 **FULL-**

- present **STACK SOFTWARE DEVELOPER**

inVenture+ \ Ithaca, NY

Responsible for creating a web service that utilizes machine learning to pair up venture capitalists with entrepreneurs in order to facilitate the growth of startups.

feb 2017 **WEBSITE LEAD**

- present *Cornell University Unmanned Air Systems \ Ithaca, NY*

CUAir is a project team that won 2nd of 50 teams internationally that designs, builds, and tests autonomous air vehicles.

Designed, developed, and tested the current responsive website and increased social media and community presence of the team.

may **SOFTWARE DEVELOPMENT AND ENGINEERING INTERN**

- oct 2017 *SC3 \ Alexandria, VA + Washington, D.C*

Worked as a full-stack developer to create a new and efficient onboarding system for the company and became well acquainted with the SDLC.

Assessed risks of development and researched extensively on security solutions and optimal hashing algorithm.

jun **FRONT-END DEVELOPMENT INTERN**

- aug 2017 *Puppet Plant \ Ithaca, NY*

Developed a mobile application to allow the user to better interact with the mechanical functions of the product and gather information such as temperature, humidity, etc. of the environment for better user experience.

education

CORNELL UNIVERSITY

Ithaca, NY

aug. 2016 – dec 2019

B.S. in Computer Science

Minor in Electrical & Computer Engineering

- **Women in Computing at Cornell:**

Advisor, previously Secretary and Representative

- Rewriting the Code Member

coursework

- Introduction to Python

- OO-Programming

- Discrete Structures

- Databases

- Data Structures & Functional Programming*

- Data Driven Web Apps *

- Embedded Systems*

- Digital Design

- Mobile Application Dev.

- Digital Logic

- Backend Engineering

* current courses

skills

Back-End Development:

Java \ Python \ Swift \ MySQL \ Linux \ Data Structures \ Node.js

Front-End Development:

HTML(5) \ CSS \ JavaScript \ Bootstrap \ ReactJS \ UI/UX Design \ Sketch

Git \ Django \ DB Design \ GIMP \ Unit Testing \ Documentation \ SSL \ Microsoft Office

projects

IN PROGRESS

SUBSCRIPTION MANAGER

Node.js + Gmail API

Manage the subscriptions that crowd your e-mail with a click by unsubscribing or modifying the frequency.

COMPLETE

SERENE -- SheHacks Boston Hackathon

Node.js + Google API + Facebook API + Web Dev.

A mental health awareness bot to chat about how you're feeling throughout the day. Then appropriately responds, pre-diagnoses, suggests playlists/songs, and locates the right professionals to help you out.