# SYDNEY CHIOU

## CONTACT

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## SKILLS

### TECHNICAL

- PYTHON
- JAVA
- MONGODB
- AMAZON WEB SERVICES (AWS)
- C
- HTML

### COURSES

- DATA STRUCTURES
- DISCRETE STRUCTURES
- COMPUTER ARCHITECTURE
- INFO & DATA MANAGEMENT
- INTERNET TECHNOLOGY
- SOFTWARE METHODOLOGY

## EXPERIENCE

### UI/UX & GRAPHICS DESIGNER
RUTGERS OPEN SYSTEM SOLUTIONS | OSS.RUTGERS.EDU
FEB 2018 - CUR.

- Design and create mock-ups for both mobile and web interfaces in Sketch, Adobe Photoshop, and Adobe XD.
- Illustrate any vector images, animations, or graphics used for icons or branding in Adobe Photoshop, After Effects, and Illustrator.
- Work closely with both iOS and Android development teams to ensure a consistent and intuitive user experience.

## EDUCATION

### BACHELORS IN COMPUTER SCIENCE
Rutgers University-New Brunswick
SEPT 2017 - MAY 2021
GPA: 3.5
School of Arts and Sciences Honors Program (SASHP)
Douglass Residential College (DRC)

## PROJECTS

### URL SHORTENER
JUL 2020 | HTTPS://GITHUB.COM/SYDNEYQ/URL-SHORTENER

- Develop a URL shortener with Python3.7.
- Utilize the Django Python Web framework to run the web app and store data in an SQLite3 database.
- Use GraphQL to format, query, and insert data into the database.

### DISCORD BOT BEAN THE CORGI
JUN 2019 - DEC 2019. | GITHUB.COM/SYDNEYQ/BEAN-THE-CORGI/

- Engineer a bot with Python 3.7 using the Discord.py API wrapper.
- Run the bot on an AWS ec2 instance and transfer files periodically for updates.
- Manage and manipulate data from a corresponding MongoDB database for features such as user profiles, currency, teams, and quotes.
- Automate games or events for server members such as karaoke queues, typeracer, and team name events.
- Manage server utility commands such as Support, moderation, and Modmail.

### PERSONAL WEBSITE
FEB 2019 - CUR. | HTTPS://SYDNEYQ.GITHUB.IO

- Use Bootstrap and HTML/CSS to create a personal website.

## INVOLVEMENT

### HACKRU DESIGN DIRECTOR
MAY 2018 - CUR. | HACKRU.ORG

- Envision and orchestrate the first organized team of graphic designers, animators, and illustrators for HackRU.
- Define the organization's branding and design guidelines.
- Create and approve designs for promotional and branding media.

### USACS COMMUNITY MANAGER CHAIR
JUL 2018 - MAY 2019 | USACS.RUTGERS.EDU

- Foster and manage supportive online presences & communications for a community of almost 2,000 computer science majors.

### DRC COMPUTER SCIENCE LIVING-LEARNING COMMUNITY MEMBER
SEPT 2017 - CUR.

- Engage and mentor others in a society of undergraduate women pursuing education in computer science.

## VOLUNTEERING

### 7 CUPS (7CUPS.COM) | LISTENER
AUG 2015 - DEC 2017

- Volunteer over 360 hours to supporting others with their mental health.
- Moderate and engage in chatrooms and forum posts for the community.
- Train new community leaders in moderation and conflict resolution for the chatrooms.