

# Kuber Sethi

<http://kubersethi.com>  
[kuber.sethi@rutgers.edu](mailto:kuber.sethi@rutgers.edu) | 732/567/5964

## EDUCATION

### RUTGERS UNIVERSITY

#### BS IN COMPUTER SCIENCE

School of Arts & Sciences Honors Program

Expected May 2021

### COURSEWORK

- Computer Architecture
- Data Structures and Algorithms
- Intro to Computer Science
- Discrete Structures I
- Discrete Structures II
- Intro to Logic
- Intro to Linear Algebra

## LINKS

Github:// [kubersethi](#)

LinkedIn:// [kubersethi](#)

## SKILLS

### PROGRAMMING LANGUAGES

- Java • JavaScript
- Python • HTML/CSS
- Ruby

### TECHNOLOGIES

- Github • Alexa SDK
- Node.JS • ReactJS
- Express • Redux
- Bootstrap • Jekyll
- AWS • MongoDB
- Flask • Django
- Android SDK • Postman
- Ruby on Rails

## EXPERIENCE

### TECHNO-COMP INC | SOFTWARE ENGINEERING INTERN

Summer 2017 | Franklin, NJ

- Worked on a team of consultants for Verizon Wireless building internal management tools to help lower AWS costs.
- Designed a dashboard to help management monitor AWS usage, and researched which technologies would best fit this project.
- Built the front end with **AngularJS**, and used **Java** for the back end to receive data from Verizon's AWS CloudWatch page, AWS Billing page, and Jenkins pipeline.

## PROJECTS

### STARCRAFT II MACHINE LEARNING BOT

Built at PennApps Winter 2017

- Implemented reinforcement learning techniques in **Python** using the **PySC2** framework to develop a self-learning bot for Starcraft II.
- Capable of different strategies depending on the actions of opponent.
- Beats in-game "Very Easy" and "Easy" AI opponents 100% of the time.

### SWOLTRITION

Built at PennApps Fall 2017

- Developed an **Alexa** skill using **Python** allowing users to retrieve nutritional information for a food, track their daily nutritional intake, and request their remaining macro-nutrients for the day.
- Connects to the USDA public database on food in order to receive official nutritional information for all foods on file.

### STUDENTCONNECTOR

- Built a social network with **MongoDB**, **Express**, **React JS**, and **Node.JS**.
- Users can create accounts, customize profiles, create posts, and leave comments.
- Created protected routes with JWT, and used **Redux** for app state management.

### EMERGENSEEK

Built at HackNYU 2017

- Worked with a team to build an **Android** app and **Alexa** skill that helps new dentists transition from school to dealing with real-world illnesses.
- Users are able to enter patient symptoms and receive relevant drugs from the FDA public database on drugs.

## LEADERSHIP

### RUTGERS USACS - HACKER AMBASSADOR

September 2018 - Present

- Responsible for informing Rutgers students about nearby hackathon opportunities.
- Work with other universities to coordinate travel to and from hackathons.