

## Richard Shin

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### Education

#### Columbia University

Bachelor of Arts, Computer Science

New York, NY

Expected Spring 2022

- TA for Fall 2020 section of *Computing in Context* (COMS W1002), an introductory course taught in Python intended for nonmajors.

### Relevant Experience

#### Data Support Intern, Foursquare

New York, NY

May 2019 - September 2019

- Working under the Engineering department, primary duties included cleansing data used in consumer facing applications and internal analyses.
- Working with the Attribution team, conducted ad hoc analyses for partner companies to measure potential foot traffic using internal tools.
- QA tested two consumer facing applications: *Foursquare City Guide* and *Swarm*, in preparation for iOS 13.

#### Radio Communications Specialist, United States Army

Fort Gordon, GA

September 2013 - September 2016

- Supervised a team of three junior communication operators in an *Expeditionary Signal Battalion*, providing guidance and mentorship by evaluating monthly performance in a highly intense operational environment.
- Operated and maintained military-grade radios transmitting classified information, in support of Operation Inherent Resolve.

### Personal Projects

#### COVID-19 in NYC (Web App)

Technology Stack: *JavaScript, CSS*

Link: <https://www.covidinnyc.com> | GitHub: <https://github.com/ricky-shin/covid-in-nyc>

- A web application that automatically fetches, unpacks, and charts the latest COVID-19 data published by the NYC DOH (Department of Health).
- Currently charting the *Relationship Between the NYC Median Household Income and COVID-19 Case Rates*, an interactive model *Calculating the Actual (Estimated) Cases of COVID-19 in NYC*, and a breakdown of COVID cases *By the Boroughs*.

#### Baruch College Professor Review Website (Web App)

Technology Stack: *PHP, MySQL, CSS*

GitHub: <https://github.com/ricky-shin/bulpa>

- A web application that allows users to anonymously submit reviews for Baruch College professors and courses.
- Over 9,500 pages viewed, with 940+ students submitting 200+ anonymous reviews in 5 months.

#### Escape Area 51: Raid Survival (iOS App)

Technology Stack: *Swift*

Link: <https://www.rickyshin.com/projects/escape-area-51>

- A 2-D side scrolling game where the player controls a UFO and attempts to fly between columns of fences without hitting them.
- Published on the iOS App store and reached hundreds of downloads in 28 countries, with an average rating of 4.9 out of 5.