SHAKIL RAFI

1270 43rd St Brooklyn, NY 11219 Apt 7 · 646-546-6268 · shakilrafi0@gmail.com · github.com/srafi1

EDUCATION

Macaulay Honors College at Hunter College   *Manhattan, NY*
Major in Computer Science   Aug 2018 | May 2021

Stuyvesant High School   *Manhattan, NY*
Honors in Computer Science   Sep 2014 | Jun 2018
Relevant Courses: AP Computer Science: Algorithms and Data Structures (5), AP Calculus BC (5),
Systems Level Development, Software Development

EXPERIENCE

Addinex Technologies   *Manhattan, NY*
Backend Development Intern   Jul 2018 | Aug 2018

- Write API points using Express.js to access MongoDB database models using Mongoose
- Test API points and database calls using Postman
- Ensure security using a passport based authentication system

StuyHacks (https://www.stuyhacks.com/)   *Manhattan, NY*
Assistant Director of Logistics   Oct 2016 | Jun 2018

- Enforce event scheduling to incorporate educational opportunities for both new and experienced developers while researching and confirming venues to host StuyHacks IV-VI
- Direct mentors towards mentees in need of assistance to maximize learning experience for hackers
- Host workshops on Android development and on Vim editing workflow

COMPETITIONS/AWARDS

HackNY | *Python, Flask, HTML, JS, CSS, Google Cloud Vision API*   Sep 2018
 Most Technical Hack
Created a web app to help arrange laptop stickers onto the back of a laptop

HackNYU | *Python, Flask, SQLAlchemy, HTML, JS, CSS*   Mar 2018
 Finalist on the Educational Track
Created a website to streamline the hackathon process into one website including team building, brainstorming, and networking

I Stand With Immigrants Hackathon | *Python, Flask, Twilio API*   Jul 2017
 2nd Place Overall
Created an SMS platform to help immigrants practice citizenship test questions

StuyHacks II | *HTML, CSS, JS*   May 2016
 Best Game
Created a circuit game in which the user must connect separate wires in an electrically sound manner to proceed

PROJECTS

Pokemon Stay | *Python, Flask, SQLAlchemy, HTML, JS, CSS*
Web app for playing Pokemon Go in Google Maps without leaving home

Stuyvesant ARISTA (https://stuyarista.org/) | *Python, Flask, SQLAlchemy, HTML, JS, CSS*
Website to facilitate volunteer events and one-on-one tutoring as well as track hours

Line Forge | *Java*
Command line application for approximating graphs and rendering them inside the terminal

Swift 2 | *Java, LibGDX*
Native Android game in which the player must maneuver around incoming obstacles

SKILLS

Frontend development:	HTML, CSS, JS, VueJS, Bootstrap
Backend and Database:	Python, Flask, SQL, SQLAlchemy, NodeJS, Mongoose, MongoDB
Productive with:	C, Java, Android, Processing, Git, Linux, Vim, Scheme, Jupyter, Postman