

# Levy Shi

Brooklyn, NY | Cell Phone: 646-505-7002

Email: [levyshi56@gmail.com](mailto:levyshi56@gmail.com) | GitHub : Github.com/levys19 | Website: [levyshi.xyz](http://levyshi.xyz)

## Education :

State University of New York at Buffalo  
Bachelors of Science in Computer Science

2015 - 2019

## Course Work:

CSE 250 – Data Structures and Algorithms  
CSE 305 – Introduction to Programming Languages

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## Technical Skills:

### Languages

Experienced in Python, Java and C++  
Familiar with SML, Ruby

### Others

MySQL, Git, HTML, CSS, Flask

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## Projects :

### Custom Programming Language Interpreter March 2017 - May 2017

- Implemented in Python and Standard ML
- Reads through source code, tokenizes, parses and executes, it supports features like basic arithmetic operations, boolean algebra, functions, scopes, variable binding

### Dyspense ( Won Developerweek Hackathon Zang API challenge) June 2017

- A web application that helps the doctor remind elderly patients to remember to take their medication through SMS or Phone call
- Wrote the backend functionality that uses Python to communicate with the database and use the Zang API to perform SMS messaging and Phone calls to the desired patient
- Used MySQLdb to take data from a website that a doctor might use to input information about his patients

### GrapeFruit (Big Red Hack) September 2017

- A web application that uses data from a questionnaire to determine your next vacation destination and your itinerary for that trip.
- Wrote the backend functionality that returns results for the user to swipe choose which places they want to go to and don't.
- Using Yelp's API I parsed through search results and data to find the best matches for the user.
- Used Python to take forms from the frontend and transfer it to the database and give results.

## Personal Website:

- A personal website to explain my projects and improve my online presence.

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## Volunteer Experience:

### CodeNow Instructor

September 2017

- Taught high school students how to code, we taught them HTML, CSS, Javascript, how to use Git, Ruby, and Ruby on Rails

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## Experience:

### Office Assistant at Sponsored Project Services

September 2016 - May 2017

- Helped upload physical files to an electronic database
- Assisted with day to day task in the office