

Shang Ke

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Experience

SPLASH (SPLASHTHAT.COM)

MAY 2019 – AUG 2019

Event Marketing Software company serving Facebook, Amazon, Google, and other Fortune 500 firms

Implementation Intern

New York, NY

- Migrated 90% of clients' designs from old to new customer RSVP platform
- Integrated RSVP platform with Salesforce, Twitter, and Slack API
- Audited clients' custom Javascript to prevent interference with new platform during migration
- Created Selenium Chrome bot to automate testing of RSVP platform

NYU TANDON SCHOOL OF ENGINEERING

DEC 2018 – APR 2019

Computer Vision Research Assistant

Brooklyn, NY

- Configure and test different architectures of convoluted neural networks to improve Computer Vision accuracy
- Identify and analyze neuron layer patterns as well as their associated efficiency and applications

Education

NEW YORK UNIVERSITY, COURANT INSTITUTE OF MATHEMATICAL SCIENCES SEP 2017 - EXPECTED MAY 2020

B.A. Computer Science with *Mathematics Minor*

New York, NY

GPA: 3.68/4.0 | Dean's List

Relevant coursework: Data Structure & Algorithms, Artificial Intelligence, Large-scale Web Applications

Skills

Programming Languages: Python, C/C++, Java, SQL, HTML, CSS, JavaScript

Libraries: Node.js, Flask, Numpy, Selenium, Salesforce, Zapier, React.js

Systems & Tools: Ubuntu, CentOS, Windows, AWS, Azure, Git, Github

Foreign Languages: Chinese, Korean

Hackathons/Competition

HackMIT 2018 IBM Call for Code @ MIT

September 2018

1st Place Winner | Python, SQLite, Javascript, IBM Watson NPL API, Twitter API

- Analyzed live Twitter feeds to plot accurate disaster heatmap using location data and sentimental analysis
- Watson Chatbot communicates with victims using Natural Languages (English)
- Predicted damage heatmap with high similarity to FEMA estimations

Clinton Foundation Codeathon 2018 @ U. Chicago

October 2018

2nd Place Winner as IBM Delegate

- Proposed blockchain system to subsidize disaster-struck businesses with donations
- Promoted small local businesses to contain cash flow locally for long-term economic recovery goals

NYU IVS AI SuperHack 2018 @ NYU

November 2018

3rd Place winner | Python, Node.js, Clarifai API

- Program assists visually impaired people on navigation and object & color identification
- Feed and analyze webcam footage to provide audio feedback to user
- Trained Clarifai custom Machine Learning model to recognize objects, obstacles, humans, and traffic conditions

Leadership

SINGAPORE ARMED FORCES

FEB 2015 – DEC 2016

Non-commissioned Officer | Military Rank: 3rd Sergeant | *Combat Position: Reconnaissance Commander*

- Commanded section of 7 soldiers to complete strike missions and gather enemy intelligence
- Trained and managed 108 soldiers
- Liaised with external departments to plan training exercises and military deployment