

Jacky Ng

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EDUCATION

QUEENS COLLEGE, CUNY

BS IN COMPUTER SCIENCE

2014 - 2017 | Queens, NY

Dean's List: Spring 2013, Fall 2013

Spring 2014, Fall 2014

LINKS

Github://jackyng88

LinkedIn://jacky-ng-bab65b12a

COURSEWORK

UNDERGRADUATE

Information Retrieval

Operating Systems

Machine Learning - Image Processing

Advanced Programming in C++

Approximation Algorithms

Database Systems

Distributed Systems

SKILLS

PROGRAMMING

Python • Django • Django REST FW

Java • C++

JavaScript • Vue.js

HTML • CSS • Bootstrap

DATABASE SYSTEMS

Oracle • MySQL • PostgreSQL

MongoDB

TECHNOLOGIES

Microsoft Windows • Linux

Git • Docker • Travis-CI

LaTeX

FOREIGN LANGUAGES

Fluent

Chinese (Cantonese)

Intermediate

Korean

Beginner

Spanish

Japanese

SUMMARY

Software Engineer with expertise with both backend and frontend technologies. Possesses excellent communication, interpersonal, and teamwork skills. A quick and highly motivated learner of new technologies.

PROJECTS

AMAZON DETAIL PARSER AND DATABASE

- Project written in Java with MySQL for database backend and uses Swing for the GUI. Searches Amazon for various books by ISBN.
- Extracts information from Amazon and searches by ISBN. Parses the details of the book such as author, title, price and stores the information into a local MySQL database.
- Can open a local text file with a list of ISBNs to perform a search and is able to output the contents of the database to a text file.

QUORA-LIKE SINGLE PAGE APPLICATION

- Single-page application that functions similarly to Quora.
- Written with the Vue.js Javascript framework and Bootstrap for CSS styling in the frontend. Python, Django, and the Django REST Framework for the backend REST API.
- Has various features similar to Quora such as posting questions, adding answers, deleting answers, editing, liking, all of which utilize the REST API.

RECIPE APP REST API

- REST API written in Python, Django (ORM, Admin) and the Django REST framework.
- Uses Docker for image containing, PostgreSQL for the Database, Travis-CI for continuous integration.
- Developed using Test-Driven Development (TDD) methodologies by implementing unit tests and mocking before implementing features.
- Allows users to access various endpoints of the API such as uploading images, creating new recipes, and filtering recipes by ingredients or tags.

EXPERIENCE

CUNY STARTUPS | HACKATHON

2016 | New York, NY

- Worked within a team of various skillsets and focuses (front end, back end, DBA, marketing), enjoying a smooth process.
- Adapted to the loss of our DBA, volunteered to become interim DBA, and finished the project on time.

TRUE HVAC | HVAC TECHNICIAN

2013 - 2018 | New York, NY

- Worked and completed projects in teams while constantly meeting deadlines.
- Acted as intermediary and liaison between teams of different trades and resolved various impasses to ensure a streamlined and efficient environment.
- Read schematics and conveyed to team members necessary steps needed to be performed.
- Often communicated with site supervisors and project managers to compensate for constantly changing requirements and adjustments.