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
Backend
Python • Django • Django REST FW
Java • C++
Node.js • Express.js

Frontend
JavaScript • Vue.js
HTML • CSS • Bootstrap

DATABASE SYSTEMS
Oracle • MySQL • PosgreSQL
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 similary to Quora. Written with the Vue.js Javacsript framework and Bootstrap for CSS styling in the frontend bundled using Webpack. Python, Django, and the Django REST Framework for the backend REST API.
- Has various features similar to Quora such as user registration/authentication, 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, PosgreSQL 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, volunteedered 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.