

Dong Liang

Elmhurst, NY 11373

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SUMMARY

Talented and detail-oriented in software development, with solid understanding object-oriented programming, MVC and RESTful design for web applications. Efficient and results-oriented in working closely with peers and supervisors to ensure optimal project execution.

EDUCATION

Bachelor of Engineering, Computer Engineering
The City College of New York

August 2012 – December 2016
GPA: 3.3

RELEVANT COURSEWORK

Web Application Design
Image Processing
Computer Graphics

Big Data Management
Data Structures
iOS programming

Data Visualization
Algorithms
Computer Architecture

QUALIFICATIONS

Technical Skills: C/C++, Python, Ruby, Java, HTML, CSS, JavaScript, Swift, PostgreSQL, MySQL, MongoDB, Testing, Debugging, Git, GitHub, Bitbucket, UNIX, Linux, OS X, Windows.

Key Skills: Design, implement and test web apps using Django, Ruby on Rails, abilities to use REST API to design and build iOS app with Swift, and PC apps using C++ with Qt.

WORK EXPERIENCE

Full-Stack Web Developer, Favor (Startup)

January 2016 – March 2016

Designed, implemented, tested, and maintained the web app prototype, including both back-end and front-end using Ruby on Rails and the iOS client-end with Swift. Involves team work and problem solving.

Software Developer, CENSIR Robotics (Startup)

January 2015 – May 2015

Designed and built a software controller prototype which controls a microcontroller-base robot. The controller is able to move the robot in any direction and adjust the motor speed inside the robot wirelessly.

PROGRAMMING PROJECTS

Children and Parents Adventures

Fall 2015

Back-end developer for a web application written in Django that allows parents and children to complete adventures.
GitHub: <https://github.com/dongliang3571/Adventure-Game>

Image Transformation:

Fall 2015

An OpenGL application written in C++ using Qt GUI library. The program reads an image and performs different kinds of transformations to the image.
GitHub: https://github.com/dongliang3571/csc472_graphics

Yelp Clone

Spring 2016

A Yelp clone iOS app using the Yelp API, which has the functionalities of displaying restaurants and searching for restaurants.
GitHub: https://github.com/dongliang3571/yelp_codepath

Instagram Clone

Spring 2016

An Instagram clone iOS app using Parse as the back-end. The user will be able to sign up, sign in and sign out, and write a new post.
GitHub: https://github.com/dongliang3571/Instagram_from_groundUp

AFFILIATION / COMPETITION

CCNY ACM

2013 – Present

CCNY Robotics Club

2014 – Present

Zahn Competition (Hardware)

Spring 2015

Zahn Competition (Software)

Spring 2016

Code N Battle (Hackathon)

Spring 2016

QueensHack (Hackathon)

Spring 2016

Codepath University iOS Course

Spring 2016