

DONG LIANG

Elmhurst, NY 11373

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SUMMARY

- Proficiency in different high level languages like C++, Python, Java. Strong understanding of data structure and algorithms.
- Possess solid understanding of OOP, and modern design patterns. Write smart casual dress code.
- Eager to learn. Strong problem solving skills. Good communicating skills. Hands-on experiences developing software.
- Efficient and results-oriented in working closely with peers and supervisors to ensure optimal project execution.

EDUCATION

The City College of New York, New York, NY

Graduation: December 2016

Bachelor of Engineering, Computer Engineering

Relevant Courses: *Data Structures, Algorithms, Databases, Computer Architecture, Web Development, Image Processing, Computer Graphics, Software Design, Big Data management, Programming language paradigms, Data Visualization*

Honors: Dean's list 2015 Spring term

SKILLS

Proficient Knowledge: Python, Django, JavaScript, NodeJS, AngularJS, AJAX, JQuery, SQL, MySQL, PostgreSQL, HTML, CSS, Bootstrap, Git, GitHub, C/C++, Qt, PHP, Swift, iOS, Ruby, Ruby on Rails, Java, Linux, AWS, Heroku

Intermediate Knowledge: Scheme, functional programming, D3, Hadoop, Spark, Ionic, React

Languages: Fluent in Mandarin (written/verbal)

RELEVANT EXPERIENCE

CUNY Tech Prep, NYC Tech Talent Pipeline

New York, NY

06/2016 – 12/2016

Full-Stack Developer

- Selected for competitive six-month industry-informed technical training program that blends a full stack JavaScript boot camp with individualized professional development coaching.
- Design and build a full stack JavaScript web application with 3-member development team to address issues with entertainment life of people who work at night.
- Implement app with Node + Express and Postgresql for the backend; HTML, CSS, JQuery, Handlebars, and Angular for a responsive front end; perform automated testing with Mocha / Chai; deploy to Linux VPS on Google Cloud Platform.

Kanic New York, NY

05/2016 – 08/2016

Full-Stack Python & iOS Developer

- Led a 3-member team to design, implement and maintain API backend using Python/Django and PostgreSQL.
- Built RESTful APIs for mobile applications using Django, deployed to Linux VPS on AWS.
- Used pre-built RESTful APIs to develop an iOS app using swift.

Favor New York, NY

01/2016 – 04/2016

Full-Stack Web Developer

- Designed, implemented and maintained backend of the web app using Ruby on Rails web framework.
- Worked with web designers to implement frontend interface using HTML, CSS and JavaScript.

Censir Robotics New York, NY

01/2015 – 06/2015

Software Engineer

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

TECHINICAL PROJECTS

AfterHours, CUNY Tech Prep

07/2016 – 12/2016

- A Node.js/Javascript based social platform for people who work at night to socialize.

KlockIn

06/2016 – 11/2016

- A Python/Django server based iOS app for employees in organizations to clock in and out.

Image Processing

01/2016 – 12/2016

- An OpenGL based C++ program that can edit images with different filters.

AFFILIATION / COMPETITION / REWARD

Hackathon: QueensHack, Code N Battle, CUNY Hackathon, FinTech Hackathon

Club: CCNY ACM Club, CCNY Robotics Club

Incubator: Zahn Center(Hardware), Zahn Center(Software), Zahn Alumni of summer accelerator

Extra Course: CodePath University iOS Course, CodePath Internship Prep Course, CUNY Tech Prep

Reward: Zahn Startup funding