Ruoyan Qin

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EDUCATION	**Cornell Univeristy**, College of Engineering, Ithaca, NY	Expected May2018

B.S. in Computer Science
GPA 4.11 - Dean's List

RELEVANT COURSES

Object-Oriented Programming and Data Structures , Discrete Structures , Nano Fabrication , Computer Networks (online) , Web application architecture(online) , Computer System Organization and Programming , Database Systems , Computer Vision , Theory of Computing , Information Retrieval

RELATED EXPERIENCE

Programmer, Web Administrator   2015-Present
Let's Get Coffee, Ithaca, NY, letsgetcoffeecornell.com
- Developed and tested python/Django application for collecting and processing survey data.
- Implemented admin interface for non-technical client to view and manage postgresql database
- Enriched user mobile experience by integrating bootstrap, automatic form rendering behavior and custom javascript and css
- Maintained database and implemented functionalities based on user request. Managed repository with Git
- Presented analytics data to executive board for improving marketing strategy

Programmer, Web Developer   2016-Present
Ivy Education Consulting, New York, U.S., Zhengzhou, China, ivyguideamerica.com
- Created multilingual business website with python/django, html/css and javascript.
- Implemented multilingual functionality with django internationalization modules
- Organized page content based on user request

Programmer   Fall 2015
Nano Fabrication ENGRI 1820
- Created Internet of Things application tracking traffic in a building for course final project.
- Built hardware part with Arduino, ultrasonic, infrared sensors and wifi-shield to send data by http GET requests to our own server
- Programmed web interface processing and displaying data on django website.
- Tested project in real world setting and did presentation to class

Programmer   Spring 2013
FIRST Robotics
- Worked with mentors and other programmers to program robot behavior in autonomous mode
- Programmed with C++, visual basic and WPI library.
- Created 3D animation competition video using 3ds Max.

SPECIALIZED SKILLS

Programming Languages: C, C++, Java, SQL, Python, R, Matlab, Scala

Web Development: HTML, CSS, JavaScript, Django, bootstrap

Machine Learning: numpy, pandas, scipy

Other topics: information retrieval, computer vision algorithms, LaTex, TDD, linux/unix commands & scripting

OTHER EXPERIENCE

CS2800 Teaching Assistant, Discrete Structures (core cs course), Cornell University. Spring 2016
Publicity Chair, Society of Women Engineers, Cornell. 2015-Present
Tutor Program Director, Ivy Education Consulting. 2015-Present
Financial Statements Translation, Henan Zhongzhou Transport Co., Ltd., China. Summer 2015