Alice Yu

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Experience

Backend Developer | 1For.One Corporation | Python | Backend | Nov 2015 - present

· Designed the platform of job search system using Python, MongoDB, ElasticSearch, Celery, Redis, Docker, Jenkins etc.
· Extracted candidates' resumes using natural language processing(NLP) and Regular Expression in Python
· Crawled job postings on different websites using Beautiful Soup and Regular Expressing
· Designed API for MongoDB under Test-driven development

Software Engineer Intern | China Telecom | JAVA | Android platform | JAN 2013 – SEP 2013

· Designed application on Android platform and worked on traffic surveillance camera project
· Provided mobile phone application with real-time traffic status to help the user avoid traffic congestion
· Checked the surveillance camera to make sure it wouldn't turn into residents' windows
· Cooperated with different departments to meet different requests and needs

Skills

Programing: Python, Java, C, XML, HTML
Database: MongoDB, Redis, ElasticSearch
Tools: Celery, Docker, Jenkins, Trello, Git, PyCharm
Software Development Method: Agile Software Development

Education

Syracuse University – L. C. Smith College of Engineering, EECS, M.S. | MAY 2015   **GPA: 3.51**
· Courses: Object Oriented Programing, Android Application Development, Data Structure and Algorithm

Jiangnan University – School of Internet of Things Engineering, Communication Technology, B.S. | JUN 2013
· Courses: Object-Oriented Analysis and Design, Operating System, Computer Network, Database Technology

Projects

Web Application – Wechat College Assist | JAVA | SQL | RESTful | Git | AWS | HTTP | HTML | May 2015 – Aug 2015

· Created web project using SpringMVC + iBatis + Bootstrap
· Built and configured production infrastructure on AWS, and used EC2 computing, rds storage
· Designed database schema and successfully optimized database performance by 49.99%
· Completed implementation of core module and Integrated Wechat API into our system

JAVA API Design – An Objective Ranking System Based on Mobile Phone Sensing | Eclipse | FEB 2015 – JUN 2015

· Conducted design, implementation and evaluation of a mobile phone Sensing based Objective Ranking (SOR) system, which ranks a target place based on data collected via mobile phone sensing.
· Designed JAVA Place Info Wrapper Library for the Objective Ranking System (such as Yelp) on Eclipse
· Requested and processed location information from Google Place service & weather forecast info from forecast.io
· Designed API with ease of use, which provided end users with location information along with weather information