Tianpei Luo

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SUMMARY: Self-motivated and self-educated programmer. Diverse knowledge of programing and possess strong ability to pick up languages and environments. Extremely hard working results orientated individual looking for a challenging environment to achieve higher levels of technical experience and develop skills.

EDUCATION:

Stevens Institute of Technology, Hoboken, NJ   Sep 2015–Expected May 2017
Master of Science in Computer Science
GPA: 3.9
Wuhan University of Technology, Wuhan, China   Sep 2011–June 2015
Bachelor of Engineering in communication engineering

SKILLS:

Language	C++, Python, Go, Java, SQL, JavaScript, PHP, Bash, HTML, CSS
Frameworks	Aws, Django, MrJob, Hadoop, scikit-learn, Bootstrap
Tools	Git, Slack, MarkDown

EXPERIENCE:

MOOC Recommendation App - Stevens institute of technology   June-Aug 2016
primary developer(full stack)
- Designated a course recommended web app in order to meet desired needs within the choice from massive open sources.
- Used Django and Nginx as back-end server and Bootstrap for front-end to design a responsive web application.

Peony Communication Co. Ltd. Luoyang, China   July 2014
Intern
- Associated designated and assembling a wireless router.

PROJECT：

Yelp Dataset Challenge   Nov-Dec 2016
- Mining the dataset provided by Yelp and detect the changepoints and events.
- Used the python framework MrJob to collect the information we need, applied statistics and machine learning algorithm to analyze and produce the visualization of tendency, fetched the changepoints from the view.

EC2 tool in bash script   Apr 2017-present
- Implementing a afewmore command which is a system tool to perform a realistic sysadmin task using EC2 CLI.
- The afewmore tool can be used to duplicate a given EC2 instance.When doing so, it creates multiple new instance and populates the date directory by copying their configuration data from the original.
- Using other system tool to complete this task: ssh, tar, scp