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| **Your Name**  [abcde@gmail.com](mailto:abcde@gmail.com) ; (Phone Number); <https://github.com/abcdefgh>  Address:999 ABC Street, San Francisco, CA | | |
| **EDUCATION** | | |
| **Ohio State University, Columbus, Ohio** | | **Sept 2015-May 2017** |
|  | M.S. in Computer Science, **GPA: 3.84**  **Relevant Courses:** Server-side Development with NodeJS, Foundation of Data Structure and Algorithm, Computer Network, Cloud Computing, Distributed System, Natural Language Processing  **Honors:** Graduation with Highest Distinction | |
| **University of Electronic Science and Technology of China, Chengdu, China** | | **Sept 2011-July 2015** |
|  | B.S. in Computer Sience, **GPA: 3.9, Rank: 10/300**  **Relevant Courses:** Data Structure, Algorithms, Operating System, Computer Architecture, Database and Applications, Web Development, C++ Languages, Java Languages, Machine Learning  **Honors:** Outstanding Student | |
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| **SKILLS** | | |
|  | Language: Java, JavaScript, C++/C, Python ,CSS, HTML, MATLAB, C, Node.js, JQuery, Ajax, Hadoop, Spark  Framework: AngualrJS, Bootstrap  Database: MySQL, Mongodb, Neo4j | |
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| **RESEARCH EXPERIENCES** | | |
| **Research Assistant: Twitter Data Scrawling and Analyzing** | | **Feb 2016-Apr 2016** |
| *Advisor: Assoc. Prof. Can Emre Koksal, Electrical and Computer Engineering, Ohio State University.* | | |
|  | ● Utilized Tweepy API of Python to crawl data related to user relationships and hot topic trend in different locations.  ● Developed a Spark program on AWS/EMR that process a large text-based dataset (>60G) using MapReduce. | |
| **Research Assistant: Twitter Data Scrawling and Analyzing** | | **Feb 2016-Apr 2016** |
| *Advisor: Assoc. Prof. Can Emre Koksal, Electrical and Computer Engineering, Ohio State University.* | | |
|  | ● Utilized Tweepy API of Python to crawl data related to user relationships and hot topic trend in different locations.  ● Developed a Spark program on AWS/EMR that process a large text-based dataset (>60G) using MapReduce. | |
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| **WORK EXPERIENCES** | | |
| **Amazon, AWS Infrastructure** Seattle, WA | | **Feb 2016-Apr 2016** |
| *Software Engineer Intern* | | |
|  | ● Utilized Tweepy API of Python to crawl data related to user relationships and hot topic trend in different locations.  ● Implemented PageRank Algorithm in Scala to get the rank of user and analyzed Twitter Social Graph. | |
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| **PUBLICATIONS** | | |
| **Fitts B\*, Zhang Z\*, Maher M and Demchak B. dot-app: a Graphviz-Cytoscape conversion plug-in F1000Research 2016, 5:2543.** | | |
| *Software Engineer Intern* | | |
|  | ● Utilized Tweepy API of Python to crawl data related to user relationships and hot topic trend in different locations.  ● Implemented PageRank Algorithm in Scala to get the rank of user and analyzed Twitter Social Graph. | |
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| **ENGINEERING PROJECTS** | | |
| **Web Development: Car Sharing Website** | | **Aug 2016-Sept 2016** |
|  | ● Designed a car sharing website architecture on Django, and determined model schema and agile project components.  ● Used weighted Breath First Search for detecting the near-by cars.  ● Developed highly-extendable REST APIs by implementing Django-style routing, ORM, authentication and admin. | |
| **Matrix Factorization with SGD** | | **June 2016-July 2016** |
|  | ● Utilized the pySpark programming model in an iterative machine learning application.  ● Implemented matrix factorization by stochastic gradient descent (SGD) optimization to decrease the difference between suppose and reality to a certain threshold.  ● Applied diagonal block to perform the parallel calculation instead of sequential calculation. | |