

ZECHENG ZHANG

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Education	STANFORD UNIVERSITY Master of Science in Computer Science; Specialization in Information Management and Analytics, June 2021 Selected Courses: Data Management and Data Systems, Principles of Data-Intensive Systems, and Mining Massive Data Sets	Stanford, CA
	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN Bachelor of Science in Computer Science, minor in Statistics, May 2019 GPA: 3.99 / 4.0 ; Honors: Dean's List (every semester from 2015 to 2019), James Scholar, the Bronze Tablet and graduation with the highest honor Advisor: <u>Edgar Solomonik</u> Thesis: <i>Python Inteface to Cyclops and Graph Neural Networks</i> Selected Courses: Data Mining Principles, Numerical Analysis, Introduction to Deep Learning, System Programming and the Art of Web Programming	Urbana, IL
Experience	SERVICENOW INC. <i>Software Engineer Intern</i> Developed, improved and maintained functionalities on ServiceNow platform <ul style="list-style-type: none">• Developed sentiment analysis module for users' comments on platform, lively updated sentiment scores and visualized them in the front-end• Improved filtering functionalities for ServiceNow Agent Assist plugin• Fixed backend bugs detected by SonarQube code coverage (Java)	Santa Clara, CA
2017-2019	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN <i>Undergraduate Research Assitant</i> Member of <u>Laboratory for Parallel Numerical Algorithms</u> at UIUC <ul style="list-style-type: none">• Developed <u>CTF</u> Python which is a parallel and distributed numerical library• Helped to review conference papers.	Urbana, IL
2018	SERVICENOW INC. <i>Software Engineer Intern</i> Designed and developed a conference product that audience can ask real-time questions and the backend will filter similar questions and unfriendly words <ul style="list-style-type: none">• Implemented front-end by JavaScript (React.js)• Trained NLP model by GloVe (Python) and designed the product database	Santa Clara, CA
Publication	<ul style="list-style-type: none">• <i>Enabling Distributed-Memory Tensor Completion in Python using New Sparse Tensor Kernels.</i> (Arxiv)• <i>Non-local Attention Learning on Large Heterogeneous Information Networks.</i> 2019 IEEE International Conference on Big Data (IEEE BigData 2019)• <i>Paper2repo: GitHub Repository Recommendation for Academic Papers.</i> The Web Conference 2020 (WWW 2020)	
Skill	<ul style="list-style-type: none">• Software Development: Python (PyTorch, NumPy, scikit-learn, Pandas etc.), Java, Scala, C++, C, Haskell, Julia, R, Shell (Bash Script), LaTeX• Web Development: JavaScript (Express.js, React.js, React Native), HTML• Data and database: MySQL, Neo4j, MongoDB, PySpark, Spark (Scala)	
Personal	<ul style="list-style-type: none">• Course assistant for several classes at UIUC: <u>Machine Learning</u>, <u>Algorithms and Models of Computation</u>, <u>the Art of Web Programming</u>• Exchange at Nanyang Technological University (Singapore) in Summer 2017	