

XIANGFENG(ALLEN) ZHU

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🎓 EDUCATION

University of Michigan, Ann Arbor
Bachelor of Science, Computer Science

Expected: May 2020
GPA:4.0/4.0

👤 EXPERIENCE

Dropbox San Francisco, CA
Incoming Software Engineer Intern

May. 2019

- Will be working in Dropbox as a Software Engineer intern starting May 2019

Software Systems Lab University of Michigan
Research Assistant Work Under: Prof. Mosharaf Chowdhury

Dec. 2018 - Present

- Working on a project related to geo-distributed data processing.

Hainan Airline Beijing, China
Software Engineer Intern

July. 2018 - Sep. 2018

- Worked in Airline Map team to create new navigation app for pilots
- Implemented newly-designed pages and built an interactive navigation with HTML, CSS, XML and Open-Layers3

Disorderly Lab UC Santa Cruz
Undergraduate Researcher Advisor: Prof. Peter Alvaro

Mar. 2018 - Sep. 2018

- Developed a debugging approach based on analysis of provenance data obtained during system executions equipped with correctness specifications
- Helped Design a standalone prototype Debugger Nemo and validated Nemo on protocols from real-world distributed bugs

⚙️ SKILLS

- Programming: Java, C, C++, Python, MATLAB, Bash, SQL, Go(Limited), Scala(Limited)
- Markup/Templating: HTML, CSS, \LaTeX
- Tool: Git, Vim, Neo4j, Docker, Xcode, Flask

♡ PROJECTS

Fault-tolerant Scalable Key-Value Store (Python)

- Developed a distributed, fault-tolerant key-value store that can store the amount of data that cannot fit into one single machine, using consistent hashing

Distributed Debugger Using Provenance Graph (Go)

- Designed a lineage-driven distributed debugger(Nemo) with graduate students that can analyze the program and give suggestions to the programmer how and where to correct the program

📄 MISCELLANEOUS

- Personal website: <http://xzhu27.me>
- GitHub: <https://github.com/Romero027>
- Languages: English - Fluent, Mandarin - Native speaker