Zhicheng Zhang

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EDUCATION

The University of Utah — Salt Lake City, UT
Kahlert School of Computing
M.Sc. in *Computer Science* — Expected Start: Aug 2024

China University of Mining and Technology — Xuzhou, PRC
School of Computer Science and Technology
B.Eng. in *Electronic Information Science and Technology* — Sep 2017 - Jun 2021

- GPA: 88/100 Ranking: 6/116

PROJECTS

ImgCoSys: *An image compression & communication system.* — May - Jun 2022

- Designed and developed an image processing system utilizing knowledge such as Entropy Coding and Zero Tree to achieve efficient compression with high quality results.

ClsCheckIn: *An Android app for course attendance check-in.* — Jun 2019 - Jun 2020

- Designed and developed a user interface for teachers, enabling them to retrieve courses, update attendance sheets, and access real-time attendance results.
- Designed and developed an authentication module, supporting basic authentication, role-based navigation, user registration, and password recovery.

PicDisposal: *An online image processing Android application.* — Apr - Jun 2020

- Implemented up to 20 image processing effects such as *Cartoon*, *Nostalgia*, and *Pixelate*.

EXPERIENCES

Research Assistant — SUSTech
Aug 2021 - Nov 2022 — Shenzhen, PRC

- Utilized MongoDB and Scrapy to develop a pull request crawler, collecting more than 300 groups of multiple pull requests from GitHub.
- Utilized metrics such as lift to develop an analyzer, facilitating assessment of the associations between merge decisions of multiple pull requests and features describing benchmarks summarized from dataset.

Teaching Assistant in CSE304 Software Engineering — SUSTech
Feb 2022 - Jun 2022 — Shenzhen, PRC

- Supported professors by facilitating course instruction, grading assignments and exams, and managing course materials.

Teaching Assistant in CSE309 Software Testing — SUSTech
Aug 2021 - Dec 2021 — Shenzhen, PRC

- Supported professors by facilitating course instruction, grading assignments and exams, and managing course materials.

PUBLICATIONS

Yinghui Zhang, Yanmei Zhang, **Zhicheng Zhang**, Shujuan Jiang, Yanru Ding, Guan Yuan. *Generation method of class integration test order based on deep reinforcement learning.* Acta Electronica Sinica (**AES**), 2023. [Paper]

AWARDS

- 2019 - 2020 First-class Scholarship at the University Level — Dec 2020
- 2018 - 2019 First-class Scholarship at the University Level — Dec 2019
- 2017 - 2018 First-class Scholarship at the University Level — Dec 2018