Zhaoxu Zhang

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⊙ DennielZhang

EDUCATION

- **University of Southern California (USC)** — Sep. 2020 - Present
  Ph.D. of Computer Science, Advisor: Prof. William G.J Halfond

- **Southern University of Science and Technology (SUSTech)** — Sep. 2016 - May 2020 (Expected)
  BE of Computer Science and Engineering (GPA: 91.46/100, Rank: 6/146)

- **University of California, Irvine (UCI)** — Jun. 2019 - Sep. 2019
  Visiting Student in Information and Computer Sciences (GPA: 4.0/4.0)

SELECTED AWARD

- Summa Cum Laude Graduate, SUSTech (Top 10) — 2020

- 1st Class Annual Outstanding Student (Top 5%) — 2017,2018

PUBLICATION

- [SANER'20] **Zhaoxu Zhang**, Hengcheng Zhu, Ming Wen, Yida Tao, Yepang Liu, Yingfei Xiong. **How Do Python Framework APIs Evolve? An Exploratory Study**. In the 27th IEEE International Conference on Software Analysis, Evolution and Reengineering, London, Ontario, Canada, February 2020.

RESEARCH INTEREST

Software Engineering, System, Programming Language, Machine Learning

RESEARCH EXPERIENCE

- **Software Quality Lab (SQL), SUSTech**
  Research Assistant, Supervisor: Professor Yepang Liu

  Characterizing APIs Evolution in Python Frameworks [SANER'20] — Jan. 2019 - Oct. 2019

  - Performed the first systematic study to characterize the evolution of Python framework APIs and discussed the similarities and differences between the API evolution in Python and Java frameworks.
  - Quantitatively and qualitatively analyzed the types of compatibility issues caused by misusing evolved APIs in Python applications and the strategies commonly implemented to fix these issues.
  - Designed and implemented PYCOMPAT as a detection tool to find compatibility issues in Python applications.