Andy Li

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Education

University of California, Riverside *Riverside, CA*
PhD Computer Science *Sept, 2025 - Present*

- Advisor: Dr. Hung-Wei Tseng

University of California, Riverside *Riverside, CA*
BS Computer Science *Sept, 2021 - Dec, 2024*

Professional Experience

2024-2025 **Junior Specialist**, Computer Science, UCR
2022-2024 **Undergraduate Research Assistant**, Computer Science, UCR
2022-2024 **Reader / Grader**, Computer Science, UCR
2022 **Undergraduate Research Assistant**, Mathematics, UCR

Publications

Xiaojun Dong, **Andy Li**, Yan Gu, and Yihan Sun. 2025. Parallel Point-to-Point Shortest Paths and Batch Queries. In Proceedings of the *37th ACM Symposium on Parallelism in Algorithms and Architectures* (SPAA '25). Association for Computing Machinery, New York, NY, USA, 458–472.

Awards

2023 **Quizlet's Game On**, 1st Place *$ 25,000*
ICPC Southern California Regional, 4th Place

2022 **UCR Programming Contest**, 1st Place

2021 **UCR Cutie Hack**, 1st Place

Research Experience

University of California, Riverside - Dept of Computer Science and Engineering *Riverside, CA*
Advisor: Hung-Wei Tseng *Jun, 2024 - Present*

- Topic: Leveraging hardware accelerators for previously hard to parallelize problems

University of California, Riverside - Dept of Computer Science *Riverside, CA*
Co-Advisors: Yan Gu, Yihan Sun *Apr. 2023 - Mar. 2024*

- Undergraduate Research Assistant
- Topic: Shortest path algorithms in the parallel setting

University of California, Riverside - Dept of Mathematics *Riverside, CA*
Advisor: Qixuan Wang *Jun. 2022 - Nov. 2023*

- Undergraduate Research Assistant
- Topic: Modeling hair follicle pattern formation during early stages of development

Outreach & Professional Development

Vice President - Competitive Coding Club, UCR 2024