


Tony Xia

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Education

University of California, Los Angeles

 Sept 2019—June 2023

Bachelor of Science, Computer Science, GPA: 4.0

Introduction to C++ Programming

Computer Organizations

Software Development Project

Stanford Summer College, Stanford


June—August 2018

Programming Abstraction

Client-side Web Technology

Projects

eXchange | UCLA

 Mar—June 2020

- Implemented a full-stack online resource sharing platform using the MERN stack
- Designed the overall architecture for the app, both the frontend and the backend
- Led the team through the software development cycle as a project manager

BQuest | UCLA DevX

Dec 2019—Present

- Developed, improved, and maintained many essential backend APIs
- Contributed to an existing code base with tens of thousands of lines
- Utilized Python Django to develop several features such as search and upvote

Personal Website | Side Project

Dec 2019—Present

- Designed and developed a modern-looking portfolio using JavaScript, HTML, CSS
- Quickly learned several techniques to create modern and interactive webpages


Image Recognition Project | Waterloo Collegiate Institute

May—June 2019

- Developed a machine learning program to classify constellations with a team
- Utilized Python TensorFlow to create a ConvNet for image classifications

Relevant Experiences

Researcher | Center for Vision, Cognition, Learning, and Autonomy at UCLA

 July 2020—Present

- Read 10+ papers on computer vision and natural language processing
- Followed through Stanford's graduate level machine learning classes

Officer | ACM ICPC at UCLA

Mar 2020—Present

- Trained weekly on algorithms and data structures to teach future workshops
- Discussed ideas with other officers on improving the club and community

Technical Skills

Python, C, C++, Java, JS, HTML, CSS, Swift, R
Git, Docker, Linux CLI

Node, React, Express, MongoDB, Vue
Octave, MATLAB, TensorFlow

