

Junping Luo

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[Github](#) [Personal Website](#)

EDUCATION

University of California, Irvine

Expected: June 2024

B. S. in Computer Science, Specialization in General CS

B. S. in Software Engineering

GPA: 3.83/4.0

Minor in Philosophy

Coursework: Data Structure Implementation and Analysis; Introductory Computer Organization

Calculus III; Introduction to Linear Algebra; Machine Learning and Data-Mining; Principles of Operating System; Introduction to Data Management

Honors: Dean's Honor List (6 quarters)

September 2020 - June 2022

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML/CSS/JavaScript

Concepts: Data Structure, Operating System, Version Control, Test-driven Development, Machine Learning

Software: Git, MySQL, Visual Studio Code, Jupyter Notebook

PROJECT

Employee Management System ([Github](#))

- Set up a MySQL Database to store, update, and delete employee records
- Used Python MySQL Connector as driver to execute MySQL code
- GUI supported by Tkinter

Breakout Game ([Github](#))

- Implemented a classic game based on front-end techniques
- Used Canvas API to implement graphical display
- Designed additional features that enrich playability

Game 2048 with Graphical Interface in Python

- Implemented a trending game by Python3
- Used Python Shell to accept input commands and display outputs
- Developed score system and combo mechanism in addition to the given version

Inheritance Simulation Application

- Implemented by Python 3
- Demonstrated the concept of inheritance
- Displayed by GUI using Model-View-Controller pattern

EXPERIENCE

UCI Course, ICS 32A: *Python Programming and Libraries (Accelerated)* September 2021 - December 2021

UCI Course, ICS 31: *Introduction to Programming*

March 2022 - June 2022

CS Course Laboratory Tutor (Learning Assistant)

- Co-hosted 80-minute lab sessions with a Teaching Assistant **3** times a week
- Helped students with coding and theoretical assignments in inspiring ways
- Introspected and discussed tutoring experience with tutoring course instructors and tutors once a week