

# Andy Le

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## EDUCATION

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**University of California, Irvine**

Expected Graduation: 2024

- **B.S. Computer Science, Cumulative GPA: 3.74**
- **Coursework:** Intermediate Python, Data Structures (C++), Design & Analysis of Algorithms
- **Extracurricular:** Video Game Development Club

## EXPERIENCE

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**Los Angeles Housing Department**

Systems Student Worker

March 2022 – Present

Software Application Support Volunteer

October 2021 – March 2022

- Helped resolve issues in the intranet, utilizing Azure DevOps
- Helped upgrade the web service system
- Retrieved and updated information in the internal database using SQL

**Viet Ngu Ve Nguon - Ve Nguon Vietnamese Language School**

August 2015 – December 2019

Teaching Assistant

- Worked alongside other volunteers from the community to teach the local youth Vietnamese
- Helped administer class spelling tests and 1-on-1 reading and speaking exams to young children
- Provided physical assistance during the preparation, execution, and conclusion of school-wide events

## PROJECTS

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**YOUR Roguelike Adventure**

October 2020 – April 2021

Programmer

- Worked in a team of 3 to develop the functionalities for a 2D rogue-like shooter with dynamic difficulty using Unity (C#)
- Implemented random level generation, invincibility frames, and the overworld
- Collaborated on the implementation of the GUI, level designs, and enemy attack patterns
- Helped discover, replicate, diagnose, and resolve game-breaking bugs quickly

**Salvation**

June 2020 – October 2020

Programmer/Developer

- Developed a 2D Metroidvania action-adventure game using Unity (C#)
- Implemented player movement, enemy movement and attack patterns, and progress saving
- Created all visual assets from scratch using paint.net
- Advanced to the second round of XPrize Connect's Code Games competition

**Soxar's Mod**

July 2019 – May 2020

Programmer/Developer

- Developed a mod for the game Terraria using tModLoader (C#)
- Introduced new items, enemies, and soundtracks

## SKILLS

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**Languages:** Python, C++, C#

**Tools:** Unity, Visual Studio, Eclipse

**Familiar with:** SQL, Java, Javascript, Git

**Other:** Limited working proficiency in Vietnamese