

# ALEXANDER XIE

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## EDUCATION

### New York University, College of Arts and Sciences

New York, NY

Dual Major in Computer Science and Data Science

Grad: May 2026

Minor in Web Programming and Applications

**Coursework:** Basic Algorithms, Data Structures, Linear Algebra, Discrete Mathematics, Calculus II

Clubs: ACU E-Board Member + Website developer, BUGS @ NYU member, NYU Barbell member

GPA: 3.7/4.0

## EXPERIENCE

### IBM Accelerate

Remote

Software Development Track

May 2024

- Accepted to IBM Accelerate program on the software development track

### New York University

New York, NY

Computer Support Technician

Feb 2024 - Present

- Onsite technical support for faculty and students

### Fortinet

Sunnyvale, CA

Software Application Intern

June 2023 - Present

- Performed security audits on source code written in Java, JS, and JSP with libraries such as Apache Commons
- Discovered and resolved 400+ exploitable security flaws preventing potential XSS attacks and SQL injection
- Evaluated over 150 potential flaws in a sandbox environment to mitigate potential future vulnerabilities
- Collaborated with the InfoSec team to implement new changes to bolster security on over 25 different source files

### Faris Lee Investments

Irvine, CA

Research Intern

June 2022 - August 2022

- Deployed Google Tag Manager to analyze ad traffic allowing performance analysis across 10+ advertisement sites
- Conducted thorough property research, producing over 20 detailed property reports and rent roll sheets

## PROJECTS

### YouTube Clone

- Recreated a modern YouTube clone website to improve web development skills and gain hands-on experience
- Replicated core functionalities and appearances with real-time interactivity, popular content, and user-friendly UI
- HTML/CSS and Git

### Space Adventurer

- Independently developed video game, testing self-taught skills in Unity, C#, and physics engine development
- 2D video game with three levels of difficulty where players can explore a new planet while fighting off enemies
- Implemented features such as power-ups as well as lives to improve player experience
- Created in Unity using game models from Blender and written in C#

## EXTRACURRICULAR

### Asian Cultural Union at NYU (ACU)

Website Developer

2023 - Present

- Utilized tools such as Github, Gatsby, and HTML/CSS to create and manage club website
- Developed 20+ visually appealing graphics for the club website and managed club's social media presence

## ADDITIONAL INFORMATION

**American Citizen:** Yes

**Languages:** English (Native), Mandarin (Working knowledge), Korean (Basic)

**Programming Languages:** Java, Python, HTML, CSS, JavaScript, React

**Interests:** Weight lifting, Cooking