

**Alana Wu**  
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## OBJECTIVE

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Diligent software engineer with 4+ years of experience programming and designing applications. Specialties include Python, JavaScript, React, and Flask.

## EDUCATION

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**Rochester Institute of Technology**, Rochester, NY *Expected Graduation May 2027*  
Bachelor of Science in Software Engineering

- **Relevant Coursework:** Software Development & Problem Solving I, Software Development & Problem Solving II, Software Engineering Freshman Seminar, Personal Software Engineering, Discrete Math for Computing, Intro to Software Engineering, and Web Engineering, Engineering of SW Subsystems, SW Process and Project Manage

## SKILLS

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**Programming Languages:** Java, Python, C++, SQL, HTML, CSS

**Software:** Visual Studio Code, Github, Replit, React, Bash, Angular, Flask

**Languages:** English, Cantonese

## PROJECTS

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**Multi-User Dungeon**, Engineering of SW Subsystems *Jan 2024 - May 2024*

- Allied with 5 classmates to utilize software design processes to create a functional program
- Organized complex software systems through the usage of domain models, class diagrams, and sequence diagrams
- Executed industry standard coding by following 3+ subsystem design patterns

**Tutoring UFund**, Intro to Software Engineering *Aug 2023 - Dec 2023*

- Collaborated with 3 other students through the use of OpenUP processes to create an accessible website for users aiming to help students with their education
- Employed Rest API and Angular to create a single-page application that encompassed all the basic working features
- Delivered a final product that was uniformly styled using CSS

**Rush Hour**, Software Development & Problem Solving II *Jan 2023 - May 2023*

- Used Java to create a puzzle in which users work out how to navigate a car to its exit
- Designed a program to solve the game using backtracking algorithms
- Applied JavaFX to create a simplistic front-end graphical user interface

**RIT Nutrition**, Software Engineering Freshman Seminar *Aug 2022 - Dec 2022*

- Cooperated with a team of 4 other students in building a wireframe of an application catered towards the nutritional needs of other university students using HTML and CSS
- Participated actively in Agile project management processes, specifically Scrum
- Translated project requirements into a user-friendly interface

## EXPERIENCE

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**Angel Advantage Center**, Brooklyn, NY - Teacher's Assistant *Nov 2017 - Jun 2020*

- Assisted teachers with homework, classwork, test, and quiz grading, as well as student safety and cleanliness
- Keyed all data into Microsoft Excel to maintain current and accurate documentation