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# RACHEL TIEU

46 - 24 65<sup>th</sup> place Woodside, NY 1377

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## EDUCATION

**Hunter College**, Class of 2022

**3.7 GPA**

- BA in Computer Science
- Daedalus Computer Science Honors program
- Coursework: Software Analysis & Design, Discrete Structures, Data structures & Algorithms, Object Oriented Programming, Test Driven Development

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## EXPERIENCE

### TEALS

**September 2019 - Present**

*Teacher's Assistant, Intro to Computer Science (Snap & Python)*

- Teaching foundational computer science concepts, such as loops, functions, and data structures to 40 high school students
- Creating interactive lesson plans to increase student engagement in the classroom
- Exciting students about the field of technology and encouraging students of all backgrounds to learn about real world applications of computer science

### Hunter College

**August 2019 - Present**

*Teachers Assistant, Software Analysis & Design (C++)*

- Tutoring students individually and teaching students fundamental C++ concepts such as programming principles, functions, object oriented programming, pointers, and memory management
- Code review for students and evaluating
- Reinforcing lessons by reviewing material with students individually and in groups

### Lowekey Lab

**August 2018 - May 2019**

*Intern*

- Worked on a 4-person team to develop a mobile app that helps people find lost pets and brings stray animals to shelters
- Drew wireframes and came up with new features for the app
- Created a pitch deck and pitched to 4 potential investors

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## PROJECTS

**Simple Calculator** – Python, Tkinter

**September 2019**

- Developed a four function calculator with a graphical user interface (GUI)
- Designed a clear, responsive, and interactive UI/UX using Tkinter

**FourColors** – Javascript, HTML, CSS

**September 2019**

- Built a Google Chrome extension that allows users to personalize their webpage by changing the color
- Gained exposure to Javascript and CSS

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## SKILLS

- C++ (*Proficient*), Python (*Familiar*), HTML (*Familiar*)
- Fluent in Vietnamese (*Conversational*) and Cantonese (*Conversational*)