

RACHEL TIEU

Rachel.tieu02@myhunter.cuny.edu | 718-683-2011 | [Github](#) | [Linkedin](#) | [Personal Website](#)

EDUCATION

Hunter College, Class of 2022

- B.A. in Computer Science, 3.7 GPA
 - Daedalus Computer Science Honors program
 - Coursework: Software Analysis & Design, Discrete Structures, Data Structures & Algorithms, Object Oriented Programming, Test Driven Development
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SKILLS

- **Programming:** C++, Python, HTML, CSS, TypeScript
 - **Misc. Software & Frameworks:** Git, Django, Pandas, React, Redux
 - Fluent in Vietnamese (*Conversational*) and Cantonese (*Conversational*)
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EXPERIENCE

Microsoft

June 2020 – Aug 2020

New Technologist Intern

- Build a web application in order to increase transparency and accessibility to health care resources for young adults that utilized React, Redux, TypeScript, HTML, CSS, as well as Jest for testing
- Worked within an Agile team of 5 interns and received training from Microsoft senior product managers and software engineers to participate in and learn about the product development cycle, prototyping, conducting user interviews, scheduling, implementation, and testing

Bloomberg L.P

Jan 2020

Software Engineering Intern

- Built an automated form builder for the Business Intelligence Team utilizing React, JSON, JavaScript, and HTML dramatically improved the form creation and maintenance experience for Bloomberg employees by making the form builder generate JSON code for the corresponding form
- Led the Agile efforts on a team of 5 interns by running bi-weekly retrospectives and daily stand ups
- Led a demonstration to 50 Bloomberg employees in order to showcase the interactive form builder

Microsoft TEALS Program

Sep 2019 - Present

Teaching Assistant, Intro to Computer Science (Snap & Python)

- Teach foundational computer science concepts, such as loops, functions, and data structures to 40 high school students
- Work with a non-technical teacher to create interactive technology-based lesson plans for biweekly 1.5 hour sessions
- Mentor students from under-resourced schools and under-represented groups about pursuing a career in STEM

Hunter College

Aug 2019 - Present

Teaching Assistant, Software Analysis & Design (C++)

- Tutor students individually and teach students fundamental coding concepts such as programming principles, functions, object-oriented programming, pointers, and memory management
 - Conduct code reviews for students and evaluate coding practices
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PROJECTS

[YearUp Mentor Matching App](#) – Python, Django, Pandas

Jan 2020 – June 2020

- Developed a machine learning driven web application written in Python using Django for the nonprofit YearUp's mentorship program that matched students with a mentor depending on survey responses
 - App was piloted in August 2020 to ~100 users at Facebook and projected to reach ~ 9,000 users by 2021
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AWARDS

- 1M1B Activate Impact Summit, United Nations – Top 3
- J.P. Morgan Sophomore Edge Fellow, Software Engineering Track
- Target Women in Tech Symposium Fellow