

# Kameko Duplessy

New York, NY

914-349-3042 • [kduplessy@fordham.edu](mailto:kduplessy@fordham.edu)

<http://linkedin.com/in/kamekoduplessy> • <https://github.com/kameko642>

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## Education

### Fordham University, New York, NY

Bachelor of Science in Computer Science

Expected Degree: May 2026

Minor: Mandarin

Relevant Coursework: **Data Structures, Computer Organization, Computer Algorithms, Mobile Device Programming,**

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## Technical Skills

**Languages:** C++, Python, HTML, CSS, Swift,

**System admin skills:** Linux, Vim, Emacs, Figma

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## Professional Experience

### Iona College, Research Assistant, New Rochelle, NY

May 2021 - May 2022

- Engineered and executed specialized software programs for the analysis of glutamate molecules under various environmental conditions
- leveraging advanced computing platforms and tools such as Linux and Vim to enhance research accuracy and efficiency.
- Conducted literature reviews to consolidate essential background information, pinpoint critical research gaps, and underpin the theoretical foundation of the project,
- Dedicated 10 hours weekly to deepen understanding of target molecules.

### Fordham LITE Center, Bronx, NY

June 2023 - Current

- Managing daily operations and fulfilling an average of 2 daily 3D printing requests from clients via email.
- Operated 3D printing and scanning equipment, optimized workflows, and contributed to virtual reality experiences.
- Assisted in giving tours and provided technical support to clients, earning positive feedback for my expertise and customer service.
- skills:** 3D printing, 3D scanning, virtual reality, and technical troubleshooting.

### Stanford University GSE Summer Program, Remote

July - August 2020

- Collaborated on mini lab projects, fostering valuable connections with professionals in the tech industry to gain insights and expand networks within the field. Engaged with a diverse cohort of fellow participants, sharing ideas, experiences, and perspectives.
- Enrolled in and participated in an intensive coding summer program, dedicating 12 hours per week to enhance coding skills and knowledge.
- Leveraged Stanford's world-class resources, including access to renowned faculty and state-of-the-art facilities to enhance educational expertise.

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## Projects

### NLP ChatBot Bronx, NY| [Link](#)

June 2023 - Current

- Spearheaded an ongoing initiative to develop a mental health chatbot using Python and C++.
- Seamlessly integrate spaCy, an NLP library, and nlohmann/JSON for effective communication within the project.
- Craft the chatbot with a primary mission of delivering empathetic support, offering comfort, dispensing valuable advice, and curating online resources for individuals managing anxiety and depression.
- Future goals are to collaborate with mental health experts to ensure the project aligns with industry standards, with the ultimate goal of making a positive impact on mental well-being through the fusion of technology and expertise.

### Connect Four App Bronx, NY

April 2024 - May 2024

- Independently developed a Connect Four Mobile application using Swift and UIKit, dedicating over 150 hours to crafting an intuitive user interface and engaging gameplay mechanics.
- Engineered the app with 100+ lines of code, implementing game logic algorithms to enhance performance and promote strategic gameplay.
- Conducted extensive testing over 50 hours, identifying and rectifying bugs to improve application stability and reliability.

### Personal Portfolio Bronx, NY| [Link](#)

November - August 2024

- Developed and designed a personal portfolio utilizing HTML and CSS, showcasing skills in web design and front-end development and UX/UI design.

### UX/UI Design Project Bronx, NY| [Link](#)

August 2024 - Current

- Currently working on a startup project, focusing on designing and developing a friend app utilizing Figma to create and iterate on app layouts and user interfaces

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## Leadership Experience

### Computer Science Society: Marketing Director, Bronx, NY

September 2022- Current

- Developed User-Centric Campaigns by designing and implementing marketing campaigns with a focus on user experience, resulting in a 40% increase in society visibility and a 60% boost in event attendance.
  - Led initiatives to improve the society's digital presence, including social media updates, which optimized user engagement and satisfaction.
  - Coordinated digital and traditional advertising strategies, leveraging data insights to tailor messaging and design for diverse audience segments, thus expanding the member base and enhancing the club's overall image.
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## **Interests**

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### **Interests**

- Art History, History (20th century), ios/Android App Development, Reading /Collecting Books(thriller,fiction and romance Novels)