Kameko Duplessy

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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,

Technical Skills

Languages: C++, Python, HTML, CSS, Swift,
System admin skills: Linux, Vim, Emacs, Figma

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.

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

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.

Interests

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