Kameko Duplessy

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Education

Fordham University, New York, NY
Bachelor of Science in Computer Science
Minor: Mandarin
Relevant Coursework: Data Structures, Computer Organization // add more

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Technical Skills

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

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 network 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.

Personal Website Bronx, NY| Link   **November - August 2023**
- Developed a personal website utilizing HTML and CSS, showcasing skills in web design and front-end development.

Leadership Experience

Computer Science Society: Marketing Director, Bronx, NY   **September 2022- Current**
- Led integrated marketing campaigns, boosting society visibility and engagement by 40%, and event attendance by 60%.
- Drove advertising initiatives across digital and traditional channels, enhancing club image and expanding member base.

Interests

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- Artificial Intelligence, Ios/Android App Development, Art History, Ancient Art, Thriller Novels, Romance Novels