Aisha Frampton - Clerk

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EDUCATION

Queensborough Community College, *Associates in Applied Science Computer Science* - GPA 3.9   2021 - 2023

University of the Arts London Central Saint Martins, *Foundation Diploma in Art and Design 3D Design*   2020 - 2021

RELEVANT COURSEWORK + CERTIFICATIONS

Introduction to Python, Statistical thinking, Data visualization - Datacamp

Machine Learning Foundation - Cornell Tech Breakthrough Tech AI

EXPERIENCE

The Adaptive Design Association   Sep 2022 - Dec 2022

Fabrication and Assistive Technologies Intern

- Worked with studio experts to create assistive technology solutions through product design for people with disabilities, using a range of materials, power tools, ardunions, components and switch adaptations.
- Attended fittings where we worked closely with clients to meet personalized requirements. Assisted in small group sessions to teach disabled children about building methods and techniques.

Hunter College - Virtual Reality Research Experience for Undergraduates   June 2022 - July 2022

Undergraduate Researcher

- Learned about conceptual and practical applications of virtual reality, attended and contributed to biweekly classes and lectures.
- Improved software capabilities in LaTEX, Unity 3D, and Reallusion.
- Improved professional writing capabilities as the primary author of a published, peer-reviewed short paper to be presented at an international conference (Virtual Reality Software Technology–VRST 2022).

University of Texas at Austin - Advanced Computing for Social Change   April 2022 - May 2022

Undergraduate Researcher

- Gained fluency in data analytics and visualization using data science-specific Python packages such as pandas and NumPy. Developed competencies in data cleaning utilized TACC supercomputers.
- Presented summarized findings of my research topic, "Are ADA (Americans with Disabilities Act) requirements making NYC subways fully accessible for wheelchair users?", to judges and peers at program conferences as well as at Queensborough Community College's Fall symposium.

The Metropolitan Museum of Art   Feb 2022 - May 2022

3D Design Intern

- Scaled, prototyped, 3D and 2D modeled in AutoCAD. Created proposals and presented them to a team of professional architects and designers.
- Worked in a studio environment creating props, labels, and signage for exhibitions as support to Art Handlers.

AWARDS + CAREER READINESS/LEADERSHIP

Kaplan Educational Foundation Scholar - Nov 2022

Coca-Cola Leaders of Promise Scholar - Aug 2022

Last Mile Foundation Scholar, Fellowship for computing-related REU - Aug 2022

Founder and President of Queensborough Community College Girls Who Code College loop - Apr 2022

Arts and Crafts Volunteer with Project HAPPY - Jan 2022

Published selected artwork in a journal, Kings River Review - Nov 2021

PROJECTS

[Investigating the Perceived Realism of Other Users' Look-Alike Avatars](#), *Hunter College*

- Short paper outlining what features make humanoid robots more likely to fall within the Uncanny valley (An phenomenon that characterizes how unsettling a humanlike character can appear)
- Presented at the Virtual Reality Software Technology conference and published by the Advancement of computing machinery

Quick Survey, *Personal Project*

- Website designed to retrieve vouchers and rewards after automatically completing customer service surveys, ideal for restaurants
- HTML, CSS for styling and JavaScript for functionality
- Web scraping techniques using selenium to obtain elements and complete the survey

Personal Website*, Personal Project*

- Website that presents a portfolio of my art and design work including architectural, Textile and mixed media
- HTML, CSS for styling and JavaScript for functionality

[Amele Design](#), *E-Commerce Business*

- E-commerce business that creates custom hand-made textile products, often working to specific client customization rather than batch processes
- I design, create, research, and promote all products as well as complete any necessary client correspondence

SKILLS

Photoshop, AutoCAD, Figma, HTML, CSS, C++, Python, NumPy, Pandas, Visual Studio Code, GitHub, LaTEX, Reallusion