

Remington Williams (She/Her)

Brooklyn, NY 11222 | rw53783n@pace.edu | (917) - 770 - 1820 | [LinkedIn](#) | [GitHub](#) | [Website](#)

EDUCATION

Pace University, Seidenberg School of Computer Science, and Information Systems

New York, NY

Bachelor of Science (BS) in Information Technology | **Concentration:** Software Development | **GPA: 3.97**

May 2026

RELEVANT COURSEWORK

Prototyping and User Experience | Advanced Python | Web Design for Non-Profit Organization | Digital Design II | Discrete Math
Database Design & Management | Operating System Architecture | Survey of Cybersecurity | Computer Organization | Drawing

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, CSS, JavaScript, C++, Ruby

Software: Microsoft Office Suite (Excel, Word, PowerPoint), VirtualBox, Visual Studio Code, PyCharm, Ruby on Rails, Cascade AI

Visual Design Tools: Adobe(Photoshop, Illustrator, After Effects, Animate, InDesign, Lightroom, Premier), Figma, Canva, Blender

Database Management: Microsoft Access, MySQL, SQLite, MongoDB, Oracle Database

QA Testing: Reinforce database integrity, bug resolution, bash scripting, User Surveys, cross-browser & cross-device testing

Operating Systems: Windows, MacOS, Linux

ACADEMIC PROJECTS

New York Design Factory

August 2025 – May 2026

- Represented Pace University as a Software Engineer in a product development project partnered with Aalto University in Finland, collaborating on cloud-based server solutions for a water leakage sensor system to prevent building damage.

Scuba Diving Assistant Streamlit Application

January 2025 – April 2025

- Built a multipage Python app to calculate dive parameters and deliver safety guidelines in accordance with PADI standards.

Low FODMAP Microsoft Access Database Application

August 2024 – December 2024

- Built an Access application designed to assist individuals with chronic gastrointestinal illnesses in adhering to the low-FODMAP diet, including variables such as allergies, users, recipes, grocery lists, and ingredients.

ACADEMIC GRANT

Computer Research Association (CRA)

UR2PhD Academic Year Research Experience for Undergraduates (REU)

September 2025 – May 2026

- Research on hands-on computational thinking: Developed digital modular knot puzzles to explore visual problem-solving and pattern recognition; refined UI, iterative testing, and analyzed strategies to make algorithmic concepts more accessible.

PROFESSIONAL EXPERIENCE

Pace University, New York, NY

Research Assistant, Human Centered Design

October 2024 – Present

- Engineered a VR knot-tying project with the Dean, designed digital and physical prototypes for iterative testing, conducted literature reviews and knot history research, organized user trials and documented feedback, performed academic writing, created mockups in Procreate and vectored puzzle pieces in Adobe Illustrator, presented findings, and co-authored an AI-focused paper with NYU students.

New Familiar Creative, New York, NY

UX/UI Product Design Internship

June 2022 – August 2022

- Designed user-centered ad tech integration and collaborated on cross-functional product design to drive engagement. Implemented UX/UI enhancements for Shopify site updates using Ruby, prototyped interactive layouts in Figma and Canva, and optimized digital assets in Photoshop for Wendy Nichol to elevate campaign performance and visual consistency.

DNA Model Management, New York, NY

Fashion Model

August 2017 – May 2025

- Collaborated with leading designers and appeared on the cover of top publications including Vogue Italia and Elle USA. Walked runway shows at international fashion weeks, managing tight timelines in high-pressure, fast-paced environments.

CERTIFICATIONS

CITI Program, Social and Behavioral Research

June 2025

- Completed IRB-compliant training in ethical research practices and human subjects regulatory standards.

Electronic Arts, Software Engineering Job Simulation

January 2025

- Programmed a new feature for EA Sports College Football, creating a C++ class diagram and header file, implementing an improved data structure for performance, and patching critical bugs in the codebase.

CLUBS & EXTRACURRICULAR

Dean's List, First Honors

January 2025 – Present

Professional Association of Diving Instructors / Advance Open Water

August 2023 – Present

Seven House Gallery, Solo Art Show

September 2022 – October 2022