

EDUCATION

University of
Bachelor of Arts in Computer Science

May 2026

RELEVANT COURSEWORK

Algorithms and Data Structures, Machine Architecture, Advanced Programming Principles, Introduction to Computing and Programming concepts, Discrete Structures of Computer Science

EXPERIENCE

Responsible Alpha

Remote

Software Engineering Intern

June 2023 – August 2023

- Utilized Computer Science expertise to advance data science initiatives, focusing on sustainability
- Actively engaging in intricate data modeling techniques, generating valuable insights that propel the company's sustainability goals
- Committed to continuous learning and professional development in data science, significantly contributing to the organization's mission

Yorkdale

Tech Operations Intern

June 2021 - August 2021

- Mentored 20+ local children in the neighborhood on computer and internet usage, promoting digital literacy
- Designed hands-on activities for basic tech skills, improving proficiency for 90% of students
- Developed customized computer science curriculum for elementary students focused on coding basics and computer hardware tailored to their learning paces and interests

PROJECTS

API-Driven Recipe Recommender

Front-end: HTML, CSS, JavaScript

- Conceptualized and developed an innovative web tool that recommends recipes based on user-inputted fridge ingredients, bridging the gap between available resources and meal inspiration
- Integrated the Spoonacular API to fetch over 500,000 recipe suggestions dynamically, exhibiting a sound understanding of API integration and asynchronous JavaScript
- Employed responsive web design techniques, ensuring optimal UX across various device sizes

AI-Powered Handwritten Digit Recognition via Neural Networks

Back-end: Python | Library: MRIN

- Employed MRIN, an open-source library, to implement a neural network for the recognition of handwritten digits, achieving over 90% accuracy
- Engineered a system capable of processing 60,000 training and 10,000 test images to fine-tune and evaluate the model
- Leveraged MRIN's open-source community resources for troubleshooting and optimizing the neural network model demonstrating a collaborative approach to overcoming project challenges

LEADERSHIP & PROFESSIONAL DEVELOPMENT

SEO Career

New York, NY

SEO EDGE Participant

August 2023 – Present

- Receiving coaching and online instruction to achieve targeted interview, technical, and professional developmental goals
- Learning business fundamentals to compete successfully for internship opportunities
- Completing industry-specific training focused on developing technical skills, institutional knowledge, and attention to detail

SKILLS

Technical Skills: Java | Python | HTML | CSS | JavaScript | API | Front-end | Back-end | GitHub

Soft Skills: Teamwork | Adaptability | Problem-Solving | Communication | Continuous Learning