

Education

CORNELL UNIVERSITY

B.S. in Computer Science

MAY 2026

Ithaca, NY

Data Structures and OOP, Algorithms, Computer System Organization, Operating Systems, Machine Learning, Databases, Discrete Structures, Text Mining, Linear Algebra

Experience

AMAZON WEB SERVICES (AWS)

Software Development Engineer Intern

MAY 2025 – AUGUST 2025

Austin, TX

- Developed a generic shell page solution that AWS Marketplace/widget teams can use to launch pages more efficiently and with more consistent integration patterns. Includes new packages that manage creation of new stacks for a shell page and outputs the full HTML content for a page given the body content.
- Completed tenant-side implementation for the Help pages as a proof of concept.
- Modernized JavaScript compilation for AWS Marketplace's help pages.

CORNELL BOWERS COLLEGE OF COMPUTING / INFO SCIENCE

Course Consultant

AUGUST 2025 – PRESENT

Ithaca, NY

- Lead weekly office hours for INFO 3350: Text Mining History and Literature.

- Strengthened student mastery of text mining, content analysis, and machine learning.

- Assist with staff planning, grade student work, and deliver constructive feedback to enhance student performance.

AMAZON WEB SERVICES (AWS)

Software Development Engineer Intern

MAY 2024 – AUGUST 2024

Austin, TX

- Implemented DescribeRegions API and refactored methods to use Redux stores, reducing latency of viewing subscription instances by 80%.
- Added deployment parameters integration to settings page, facilitating quicker access to SaaS (Software as a Service) products directly from the AWS Marketplace console.
- Implemented code updates enabling multi-account login functionality, streamlining account and product management for AWS Marketplace buyers and overall usability.
- Conducted unit, integration, and UI testing to validate functionality and ensure a seamless user experience.

CORNELL SUSTAINABLE DESIGN (CUSD)

Software and Design Engineer

JANUARY 2024 – MAY 2024

Ithaca, NY

- Software, modeling, and prototyping on the design team at REAL, whose end goal is large-scale implementation of aquaponic farming systems with our partners in Chile.
- Created thermodynamic models and tools to help farmers create/monitor plant beds.

Skills

- Languages: Python, Java, C, SQL, OCaml, TypeScript, JavaScript, CSS, HTML, C#
- Frameworks/Tools: Git, Docker, CI/CD, Vim, React, Node.js, AWS (Lambda, API Gateway, CloudFormation, CloudFront, IAM, EC2), Jest, Vitest