

VICTORY (VICTOR) MA

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EDUCATION

Saint Olaf College Northfield, MN
B.A. in Computer Science, History 2022-2026
Concentration in Statistics and Data Science Dean's List x6 • Honors Day x4

Skills Summary

Python, R, AWS, TypeScript, SQL, Django, C++, Terraform, Docker, React Native, HTML, CSS, Tailwind, Git, RESTful APIs

PROFESSIONAL EXPERIENCE

Project Friendship Northfield, MN
App Developer Sept. 2025 - Present

- Directly building and maintaining an iOS/Android application with REST API development and cloud infrastructure.
- Leveraging AWS technologies (Lambda, API Gateway, Cognito, and RDS) for cloud development and Playwright for testing.
- Enabling and supporting a frontend development team through backend scaffolding and extensive documentation.

Center for Interdisciplinary Research • St. Olaf College Northfield, MN
Research Fellow Sept. 2025 - Present

- Working with domain experts and professors to conduct statistical analysis and research via R on beneficial student data.
- Analyzing 4000+ survey results in order to improve the sense of belonging and mental wellbeing on-campus.
- Continuously communicating information to non-technical peers to make informed solutions for key concerns on belonging.

St. Olaf College Northfield, MN
Teaching Assistant/Grader • Machine Learning • Algorithms • Statistics • Ethics Sept. 2024 - Present

- Currently designated to be capable of working with computer science students at any level based on coursework completed.
- Aided students in understanding ideas around the impact of software, data, facial recognition, and artificial intelligence.
- Worked closely with 5 professors and 100+ students across 4 semesters to ensure proper comprehension and application of machine learning concepts, key algorithms, data analysis methods, and fundamental computer science concepts.

GCS Geospatial Mankato, MN
Software Developer Intern May 2025 - Aug. 2025

- Developed an internal application used for geospatial data analysis utilizing cloud solutions with AWS.
- Leveraged frameworks and tools including Django, HTMX, Docker, Terraform.
- Conducted coordinate surveys and worked closely in an Agile Development environment to ensure efficient product delivery.

PROJECTS

[BloomMates](#) • People's Choice Award at Ole Cup 2025 React Native • Firebase
Supporting the marketing, development, and business operations of an iOS/Android mental health app centered around interactive gift giving. Incorporates mental wellness activities and gives users the opportunity to send custom bouquets to friends and family while earning discounts to purchase flowers at local florists. Won at St. Olaf College's annual entrepreneurial competition in 2025.

[Vexillologists.com](#) Django • SQL • HTMX • Tailwind
Engineered and developed a fully fledged geographical/vexillological learning application with a database that consists of 200+ countries/autonomous regions, each with its associated metadata, serving as an interactive educational quizzing tool for academics.

[Predicting Revenue via Website Activity](#) Python • Scikit-Learn • Machine Learning
Developed a predictive model using Scikit-Learn that aimed to use machine learning methods to predict whether an online customer will generate revenue based on features related to their time on the website, using a dataset from UC Irvine.

LEADERSHIP & MORE

President • Asian Student Union Sept. 2024 - Present
Organizing weekly cultural events to promote community building for a student organization of 170+ members. Led planning for an annual Lunar New Year celebration of 300+ attendees and supported the planning of an AANHPI month event in Northfield.

Executive • Algorithms Club Feb. 2024 - Present
Directly supporting a student organization of 50+ members that allows students to sharpen their algorithmic thinking and coding capabilities with industry-standard exercises and math problems. Preparing students for future careers in software development.

Relevant Courses

Machine Learning, Analysis of Algorithms, Software Design, Data Structures in C++, Discrete Math, Data Science, Statistics

Languages: English (fluent) • French (intermediate) • Arabic (beginner)