

Luca Comba

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💻 lucacomba.com | github.com/lukfd

EDUCATION

University of St. Thomas, St. Paul, Minnesota

Graduation: May 2026

MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE

University of St. Thomas, St. Paul, Minnesota

Graduation: May 2021

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND APPLIED STATISTICS, GPA 3.65

AWS Cloud Practitioner Certificate, ID: 8E6TY3TK9E44QV98

WORK EXPERIENCE

Sr. Systems Specialist, NISC, Mandan (ND)

July 2021 - present

- Led the design and implementation of critical cloud services, enhancing infrastructure management, data security, and operational efficiency for millions of end-users across utility and broadband sectors.
- Developed and maintained robust deployment pipelines, including managing Xymon updates, automating configuration data collection to AWS S3, and building AWS infrastructure with Terraform, ensuring secure and streamlined application delivery.

Web Developer, University of St. Thomas, St. Paul (MN)

May 2020 - June 2021

- Developed Node JS REST APIs and successfully deployed interactive maps and web applications on Amazon AWS, attracting hundreds of visitors. Exhibited strong communication skills by effectively conveying technical concepts to professors at the University of St. Thomas.

TECHNICAL AND LANGUAGE SKILLS

- Skilled in programming with **Python, JavaScript, TypeScript, Go, Bash, Java** and **R**.
- Proficient with **Vue, React, React Native, Express, FastAPI, SQL, HTML, CSS** and various frameworks.
- Competent in utilizing **AWS, Terraform, Docker, Kubernetes, Git, Subversion, MSOffice**, and **Adobe**.
- Multilingual: native in Italian, fluent in English and a beginner in French.

PROJECTS, RESEARCH ARTICLE AND VOLUNTEER

- Launched [Tommies Board](#), a full-stack web application enabling students to share startup ideas and connect with co-founders. Built with Vue, Go, and Redis. github.com/lukfd/tommies-idea
- Developed Skaffale.com, a cutting-edge Vue3 website application deployable with Docker. This platform serves as a comprehensive directory for AI and Machine Learning projects and libraries. github.com/lukfd/skaffale
- Developed a Decentralized Autonomous Organization (DAO) Smart Contract user interface using React, integrated with web3.js to interact with smart contracts via Metamask. github.com/smantic-labs/website
- Published research paper: "Impacts of seasonally frozen ground on streamflow recession in the Red River of the North Basin". [River Research and Applications](#), 38(7), 1277–1284

Computer Science Club, Vice President, University of St. Thomas, 2020-21; Chess Club, member.