

Luca Comba

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EDUCATION

University of St. Thomas, *St. Paul, Minnesota*

Graduation: May 2021

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND APPLIED STATISTICS

GPA 3.65

WORK EXPERIENCE

NISC, *Cloud & Infrastructure Development Dept.*, Sr. System Specialist, *Mandan (ND)* July 2021 - present

- Engineered Python and Bash scripts for automating system management procedures. Maintained on premise Linux servers, Oracle, Postgres databases for the iVUE software used by hundreds of enterprises.
- Designed and developed Vue front-end with FastAPI and Node.js back-end applications.
- Provisioned new cloud based application on Amazon AWS deployed with Terraform. Automated software continuous build and delivery pipelines utilizing Apache Ant, Vite and Atlassian Bamboo.

University of St. Thomas, *STELAR Dept.*, Web Developer, *St. Paul (MN)* September 2020 - June 2021

- Coded REST api using JavaScript. Deployed an interactive map web application and a static website on Amazon AWS that have reach hundreds of visitors.
- Demonstrated strong communication skills explaining technical details to St. Thomas professors.

University of St. Thomas, *Computer Science Dept.*, Web Developer, *St. Paul (MN)* May 2020 - July 2020

- Collaborated in a team for developing front and back-end used by hundreds of student for code testing and automated code grading using Vue.js, Express and SQLite.

TECHNICAL AND LANGUAGE SKILLS

- Capability to write, execute programs in **C, Java, Python, JavaScript, Bash and R.**
- Experience in compiling code using **Apache Ant and Bamboo-Specs.**
- Familiar with **React, Vue, Node.js, Express, Flask, SQL, HTML, CSS and other frameworks.**
- Ability to use **AWS, Git, Subversion, Kubernetes, Linux, MS Office, Adobe products and SPSS.**
- Italian, First Language; English, Fluent Speaker; French, Beginner.

PROJECTS AND RESEARCH ARTICLE

- Designed skaffale.com, a Vue3 website and Node Docker container to list AI and Machine Learning projects and libraries. github.com/lukfd/skaffale
- Created a Decentralized Autonomous Organization Smart Contract user interface with React. github.com/muichiro-mc
- 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

CLUB INVOLVEMENT AND VOLUNTEER

- Computer Science Club, Vice President, University of St. Thomas, 2020-21; Chess Club, member.
- La Puente - Homeless Shelter, Alamosa CO, 2019; "Giovani x Torino", Events Volunteer, Turin, Italy, 2015.