

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.**, System Specialist, *Mandan (ND)* July 2021 - present

- Developed new features in Java applications. Maintained on premise Linux servers and databases used by iVue software owned by hundreds of enterprises.
- Designed and created Vue front-end application to easily manage internal data and provision new cloud jobs and servers.
- Automated software builds utilizing Apache Ant, Git and Atlassian's Bamboo for continuous delivery pipelines.

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

September 2020 - June 2021

- Coded restful server api using JavaScript, wrote documentation and deployed two web applications using 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 of a web application used by hundreds of student for code testing and code grading using Vue.js, Express and SQLite.

TECHNICAL AND LANGUAGE SKILLS

- Capability to write programs in **C, Java, Python, JavaScript, Bash, Golang 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, Linux, MS Office, Photoshop, Illustrator, Premier Pro and SPSS.**
- Italian, First Language; English, Fluent Speaker; French, Beginner.

PROJECTS AND RESEARCH ARTICLE

- Published research article: "Impacts of seasonally frozen ground on streamflow recession in the Red River of the North Basin", [River Research and Applications](#), 38(7), 1277–1284.
- Coded a Python library for converting csv files to dataset used in Network Model Analysis. github.com/lukfd/enpy
- Designed Python scripts for Image Processing of astronomical images. github.com/lukfd/ustobservatory
- Created a Decentralized Autonomous Organization Smart Contract user interface with React to make communities manage themselves. github.com/muichiro-mc

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.