

# Luca Comba

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email: [luca.comba98@gmail.com](mailto:luca.comba98@gmail.com) | phone: 612-707 9749 | website: <https://lukfd.github.io/>

## EDUCATION

University of St. Thomas, St. Paul, Minnesota

Graduation: May 2021

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND APPLIED STATISTICS**

**GPA 3.65**

### NOTEWORTHY COURSES:

- Web Development, Front and Back End
- Artificial Intelligence and Robotics
- Object-Oriented Programming and Design
- Computer Architecture
- Algorithms, Advanced Data Structure
- Information Security

## WORK EXPERIENCE

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

- Developed scripts, maintained linux servers and databases used by iVue java application owned by thousands of enterprises which help them manage 12 million end-users.
- Collaborated in a team and supported customers following daily change requests and troubleshooting.

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

September 2020 - June 2021

- Gathered requirements for developing and designing new websites and web applications.
- Coded restful server api, wrote documentations 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 and compile programs in **C, Java, Python, JavaScript, Bash and R.**
- Familiar with **React, Vue.js, Node.js, Express, Flask, SQLite, 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.
- Designed Python scripts for Image Processing of astronomical images.

These projects are available at <https://github.com/lukfd>

## 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.