

Luca Comba

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EDUCATION

University of St. Thomas Expected Graduation: May 2021 *St. Paul, Minnesota*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND APPLIED STATISTICS, GPA 3.66

NOTEWORTHY COURSES :

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

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, SQLite, HTML, CSS and other frameworks**
- Ability to use **Git, Linux, MS Office, Photoshop, Illustrator, Premier Pro and SPSS**
- Collaborative, Creative, Great communication and technical documentation writing skills, Good analytical experience and always interested in learning.
- Italian, First Language; English, fluent speaker; French, Beginner.

PROJECTS

- Coded in Java an artificial intelligence search algorithms to solve 8 puzzle
- Coded a Python Pypi library for creating csv files from dataset for Network Model Analysis
- Designed Python scripts for Image Processing of astronomical images
- Coded in JavaScript a Discord's Bot for answering coding questions with internet lookup

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

WORK EXPERIENCE

University of St. Thomas, ITS Dept. September 2020 - Present *St. Paul, MN*

Web Developer and Programmer researcher: Designed and developed web applications using JavaScript such as interactive maps and websites as well as server and API.

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

Web Developer: Collaborated in a team for developing front and back end of a web application for student's code testing and code grading using Vue.js and Express.

University of St. Thomas, Physics Dept. September 2019-September 2020 *St. Paul, MN*

Physics research assistant : Software Development for Astronomical Image Processing, using *Astropy* and *Pil*. Gained communication and time management skills.

CLUB INVOLVEMENT AND VOLUNTEER

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