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 3.62**

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

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.**
- Italian, First Language; English, Fluent Speaker; French, Beginner.

PROJECTS

- 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, *STELAR Dept.*, Web Developer, *St. Paul (MN)*   September 2020 - Present
- 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 will reach hundreds of visitors.
- Demonstrated strong communication skills speaking 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.
- Operated with creativity in a team of developers.

University of St. Thomas, *Physics Dept.*, Research Assistant, *St. Paul (MN)*   September 2019 - September 2020
- Led the astronomical image processing software development researches for the St. Thomas's Observatory. Coded an image processing Python script using Numpy, Pil and Astropy.
- Coordinated the research efforts and gained time management skills.

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.