LUCA DONADELLO

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EDUCATION

The University of Texas at Dallas, Dallas, TX   Anticipated May 2024
Bachelor of Computer Science
- GPA: 3.52
- Relevant Coursework: Database design, Advanced Algorithm and design, Operating System concepts.

PERSONAL INFORMATION

I am a senior student at the University of Texas in Dallas studying computer science. After spending most of my life in Italy, I moved to Dallas two years ago in search of a better opportunity to develop and become familiar with American culture. My interests are broad, including web and application development to cyber security. I am seeking a job where I can apply all the knowledge I have gained from my years of academic experience.

SKILLS

Technical /Computer Skills: Python, Java, C/C++, JavaScript, HTML, CSS, MYSQL, Node.js, React, Unix, Windows, Microsoft Office, Git, and GitHub.
Languages: Italian (mother tongue), English (fluent), Spanish (proficient)

PROJECTS

- **Multiple Processes and IPC:** The project aims to replicate a basic computer system in a C environment with a CPU and memory. The simulation of the CPU and the memory was done thanks to the UNIX processes for the communication. The memory can read an input file and provide the CPU with the information needed to perform simple tasks such as interacting with its registers and handling time and system interruptions. GitHub repository

- **Thread Hotel simulation:** The project uses threads and semaphores in a Java environment to simulate customer and employee behavior in a hotel. The project uses a semaphore algorithm to reproduce the hotel environment and provide a specific interaction model. GitHub repository

EXPERIENCE

Internship Bussolengo, Verona, Italy   June 2018 - September 2018
Internship at the Blood Transfusion Department of the City Hospital
- Blood bags management and distribution/shipping
- Patient communication and checking

Internship Dublin, Ireland   June 2017 – September 2017
Retail position at local grocery stores
- Item management and distribution
- Cashier

HONORS AND AWARDS

- **University of Texas at Dallas Dean's List**   Fall 2022
- **Team Capitan Third division Tennis club Bussolengo (Italy)**   January 2019