Louis Dumas

Cybersecurity student with strong interest in software development, searching for an summer internship to learn some professional experience.

louishenridanielpepito.dumas@epfl.ch ❖ 078 627 30 80 ❖ Lausanne, Switzerland

EDUCATION

EPFL   **2023- Present**
MSc of cybersecurity   *Lausanne,Switzerland*

EPFL   **2018 – 2023**
BSc of Computer Science   *Lausanne,Switzerland*

PROFESSIONAL EXPERIENCE

Sysadmin Intern developper   **July 2023 – September 2023**
Arcanite
  · Maintenance and development of a web sysadmin app, written in Django (python web framework)

PROJECTS

Command line picture database manager   **February 2021 – July 2021**
EPFL MLO Lab
  · Oriented system project: Load, Store and upload picture in local database remotely accessible (C)

Multimatum: Deadline manager   **February 2022 – July 2022**
  · Android app to manage deadline and include sharing deadline feature (kotlin)

TELESTO: Software automation   **September 2022 – January 2023**
EPFL LASTRO Lab
  · Designing, implementing centralized software for a telescope automation (Python, Javascript)

Pacelulo: Augmented Reality Board Game   **February 2021 – July 2021**
EPFL CHILI Lab
  · Camera based board game with control by continuous object detection (C#)

Making intelligent traffic: mini-electronic autonomous car   **February 2022 – July 2022**
Supervised by Christoph Koch
  · Autonomous cars implemented using arduino and image recognition (Python, Arduino)

Miscellaneous projects
  · Virtual planetarium (Java)
  · Polylan-plays-Pokemon, flask app for collaborative pokemon playing.

SKILLS

  · **Skills:** Algorithms; Parallel and concurrent programming; Networking (TCP-IP-UDP) ;
       Computer Security; System programming;
  · **Programming:** Python; Spark; SQL; Scala; Java; Git; Linux; C, Django

INTERESTS

  · **Music:** Practice piano since 10 years
  · **Associate activities:** President and founder of EPφL, philosophy student association.
       Polylan, Tech developer. JDR-poly, librarian.
  · **Go:** amateur player
  · **CTF:** 165 points on root-me.org, TryHackMe lvl 8