

### Education

- 2016–2020 **Computer Science + Robotics and Intelligent Systems**, *Colorado School of Mines*, Golden (CO).  
GPA: 3.1
- 2015–2016 **Preparatory School MPSI (Math and Physics)**, *Lycée Joffre*, Montpellier, France.  
Computer Science track
- 2015 **European Scientific Baccalaureate**, *Lycée Notre-Dame de la Merci*, Montpellier.  
Highest Mention

### Projects

- 2018–2019 **Web Development**.
- Mines Crowdsourcing System: creation of a crowdsourcing platform for Colorado School of Mines researchers to post task that students can complete and get paid for. Built with Django and Bootstrap frameworks
  - Application portal for a truck driver company. Public application page and private admin website for applications management
  - MinesCourseDB: Online database similar to IMDb storing courses taught at Mines, teachers and departments with student reviews
- 2018 **Guitar Hero in Python for Raspberry Pi**.
- Multidisciplinary team: Mechanical, Computer Science and Physics majors
  - Conception of a special controller to play the game
  - In charge of coding the game, managing multi-threading and handling inputs from the controller
- 2018 **Clue in Java**.
- Pair programming
  - Agile principles and Test-Driven Development learned and applied throughout the development semester
- 2017 **Image puzzle in C++**.
- Introduction project to C++ en OOD
  - GUI programmed with SFML library

### Experience

- Spring 2020 and Summer 2019 **Backend Software Engineer Intern**, *Webroot*, Broomfield, CO.  
Backend developer in the mobile team. Creation and maintenance of microservices and APIs
- 2019 - Present **Teaching Assistant**, *Colorado School of Mines*, Golden, CO.  
Exams and assignments grading, tutoring hours for students. Lead grader since January 2020

### Computer Skills

- Programing Python, C++, Go, Java, OCaml  
MySQL, Langages web (HTML, CSS, Javascript, Php), Console AWS, Docker
- Languages French (mother tongue), Spanish (B1), Arabic and Chinese (beginner)
- Others Office, LaTeX, Photoshop, Solidworks

### Certifications et Récompenses

- Décembre 2019 **Cyber Defense Education Certificate**, *NSA and U.S. Department of Homeland Security*.
- 2017 **C-MAPP Scholarship**, *Enverus*.  
Récompense attribuée aux élèves les plus méritants du département par des sociétés partenaires

### Volunteering and Organizations

- 2017–Present **French Club**, *Colorado School of Mines*, Golden (CO).  
Founder and vice president
- 2016–Present **Goalkeeper coach**, *Centre Formation du Gardien de But*, Cavaillon, France.  
Coaching and in charge of recording trainings, montage and DVD creation for soccer camps
- 2004–2019 **Soccer Goalkeeper**.  
Played at national level in both USA and France

### Hobbies and interests

Programming, Soccer, Video Games, Power Metal