Léo Chely

Computer Science Major at Colorado School of Mines

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Education

2020 – 2021	**Master of Science: Computer Science**, *Colorado School of Mines*, Golden (CO). GPA: 3.5
2016 – 2020	**Bachelor of Science: 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, France. 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
- MinesCourseDB: Online database similar to IMDb storing courses taught at Mines, teachers and departments with 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 custom controller

2018 Clue in Java.
- Pair programming
- Agile principles and Test-Driven Development learned and applied throughout the development semester

Professional Experience

August 2020 - May 2021	**Software Engineer Intern**, *NREL*, Golden, CO. Full stack web development. Working on a web tool managing allocation of super computing resources.
2019 – 2020	**Backend Software Engineer Intern**, *Webroot*, Broomfield, CO. Backend developer in the mobile team. Creation and maintenance of microservices and APIs
2019 – 2020	**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, Web Languages (HTML, CSS, Javascript, Php), AWS Console, Docker
Languages	French (mother tongue), Spanish (B1), Arabic and Chinese (beginner)
Others	Office, LaTeX, Photoshop, Solidworks

Certificates and Rewards

December 2019	**Cyber Defense Education Certificate**, *NSA and U.S. Department of Homeland Security*.
2017	**C-MAPP Scholarship**, *Enverus*.

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 – Present	**Soccer Goalkeeper**. Played at national level in both USA and France

Hobbies and interests

Programming, Soccer, Video Games, Power Metal