Léo Chely
Software Engineer

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Professional Experience

2021 – Present	**Software Engineer**, *CableLabs*, Louisville, CO
	Development of a wide range of innovative projects related to the HFC network industry, from embedded development to the creation of APIs
2020 – 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 in 2020

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

Personal and School Projects

2021 – Present	**LeixBot**
	○ Twitch bot written in Python and deployed on Raspberry Pi
	○ Interacts with Twitch API to provide commands and features to the streamer and viewers. Features LLM chat replies
2018 – 2020	**Web Development**
	○ Mines Crowdsourcing System: creation of a crowdsourcing platform for Colorado School of Mines researchers. Built with Django and Bootstrap frameworks
2018	**Guitar Hero in Python for Raspberry Pi**
	○ In charge of coding the game in Python, managing multi-threading and handling inputs from the custom controller. Conception of a special controller to play the game

Skills

Programing	Python, C++, Go, Java, OCaml, MySQL, Web Languages (HTML, CSS, Javascript, Php)
	Gitlab CI, AWS Console, Docker, Openshift, Kubernetes
Languages	English and French (fluent), 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 – 2021	**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