

# Léo Chely

Computer Science Major at Colorado School of Mines

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## Education

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

## Projects

- 2018-2019 **Websites.**
- Portfolio website for an amateur singer (available on my Github)
  - 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
  - Test-Driven Development
  - Agile principles learned and applied throughout the developpement
- 2017 **Image puzzle in C++.**
- Introduction project to C++ en OOD
  - GUI programmed with SFML library

## Experience

- 2019 **Colorado School of Mines**, *Golden, CO*, Teaching Assistant for Programming Concepts class.  
Summer 2017 **Ministry of Culture**, *Montpellier, France*, IT Assistant, Inventory database conception and management.  
Summer 2016 **Ministry of Culture**, *Montpellier, France*, IT Assistant, Installed new computers and dismantled old ones.

## Computer Skills

**Python, Java, C++, Ocaml.**

**SQL, MySQL, Web Languages (HTML, CSS, Javascript, Php).**

**Office, LaTeX, Photoshop, Certification Solidworks Associate.**

## Volunteering and Organizations

- 2017–2019 **French Club**, *Colorado School of Mines*, Founder and vice president.  
2016–2019 **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

**Interests**, *Computers, Soccer, Foreign Languages (fluent English and French, basic Knowledge in Spanish, Arabic and Chinese).*

**Hobbies**, *Soccer, Video Game Emulation on Raspberry Pi and PC, Video Games.*