Mugnier Eric
📞 +33616767553

🌐 http://www.emugnier.com ✉ emugnier@ucsd.edu

emugnier 🏠 San Diego, California

EDUCATION

- **UC San Diego** — USA, Sept 2018 - Expected Dec 2019
  - Selected in UC France Partnership Program, Computer Science

- **Grandes Ecoles System** — France, Sept 2014 - Expected Dec 2019
  - M.S in Computer Science, Bordeaux-INP 2017 - Expected 2019: GPA ..
  - B.S in Computer Science, Bordeaux-INP 2014 - 2017: GPA ..
  - Prepa des INP Institut national polytechnique Of Toulouse: 2-year intensive maths and physics course
  - Scientific Baccalaureate, Jules Michelet High-School: High Honors "Mention TB"

EXPERIENCE

- **Research Summer Inter** — LaBRI Research — Bordeaux, June-August 2018
  - Designed a blockchain solution based on Hyperledger Fabric for P2P rewarding
  - Implemented a POC for future papers using ReactJs and NodeJs
  - Researched and created models to optimize rewarding incentivity in GO

- **Lead Software Engineer** — LaBRI — Bordeaux, Feb-June 2018
  - Lead a team of 7 fellows graduates and built a video system to provide security and anonimity to the user
  - Implemented a proxy in C to encrypt video data and a NodeJs extension to the DashJs video player
  - Improved proxy integrity by using the trusted execution environment of Intel SGX

- **Cybersecurity and R&D Intern** — Expertcom — Bordeaux, July-August 2017
  - Studied a defense system called Honeypot to sell a solution against man in the middle attacks
  - Created a supervision tool in JavaScript to present PRTG API datas

PROJECTS

- **MeetMyGround MobileApp** — Bordeaux, April-June 2018
  - Created a CrossPlatform Application to locate and know how many people are on a sportfield
  - Developed Front-End with Phonon framework and Back-End with NodeJs and MongoDB

- **Client-Server Chat** — Bordeaux, Sept-November 2017
  - Implemented a Client-Server Chat in C using sockets
  - Added P2P file tranfer and IPV6 support

- **Weather Feed Aggregator** — Bordeaux, Oct-November 2017
  - Built a weather feed aggregator in Command-Line
  - Treated request in Java from weather API Rest and created a wrapper to add others API

SKILLS

- **Web Languages:** Html, Css, Php, JavaScript, NodeJS, ReactJs   **Scripting Languages:** Python, Shell

- **Object-Oriented Language:** Java   **System Programming:** C

ACHIEVEMENTS

- **Programming Competitions, Hackatons and Conference:** Attended in 2018 Fosdem, Google HashCode, Google Kickstart and MLH Bordeaux Hackaton

- **Member of Sport's Office of ENSEIRB-MATMECA:** Sport tournament organisation and team management

- **Trainer at Lannemezan tennis table club:** Making session for young players, supervising and coaching them