

# AMBRE ASSOR

## PHD STUDENT IN HCI, AR, VISUALIZATION.

3RD YEAR

### CONTACT

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### MISCEALLENOUS

- TOEIC: 965 out of 990 (Professional proficiency).

- Unity, C, C++ (OpenCV, OpenGL), Matlab.

- C2i Diploma (numeric abilities: Word, Excel...).

- Languages: English (C2), Spanish (fluent).

### INTERESTS

- Undergraduate mentoring for secondary school pupils (2011-2012/2017-2018 with disadvantaged minority youth, Zup de Co Association).

- Travelling (Spain, Greece, Italy, USA...), Taekwondo (Martial Art), Music (piano for 5 years), and swimming.

- Community Manager at Opto Services (Institut d'Optique's consulting Junior-Entreprise, which is runned by students and functions like a consulting cabinet).

- Member of the Sport Student Council and Board of Humanitarian activities at Institut d'Optique.

### WORK EXPERIENCE

TEACHING ASSISTANT

INSTITUT D'OPTIQUE GRADUATE SCHOOL | SEPT 2020-NOW

- Supervised exercises sessions: OOP (C++), 3D graphics (OpenGL), numerical methods (Matlab).

SOFTWARE DEVELOPMENT INTERN

IMMERVISION | FEBRUARY 2020- AUGUST 2020

- Imaging Team- Developed software tools to measure distortion correction due to wide angle vision using computer vision.

SOFTWARE DEVELOPMENT INTERN

ANSYS OPTIS | MAY 2019 - AUGUST 2019

- Light and Simulation Kernel Team- Developed a BSDF Plugin on the physically based software SPEOS.

INTERN

Nokia - Alcatel Submarine Network | JUNE 2017

- Worked in the transmission department on the erbium doped fiber

### EDUCATION

UNIVERSITY OF BORDEAUX (BORDEAUX, FRANCE).

September 2019- February 2020

Ms Sc Image and Sound Processing for Engineering Systems

INSTITUT D'OPTIQUE GRADUATE SCHOOL (FRANCE).

Graduation in 2020.

Innovation and Entrepreneurship Pathway

September 2019- February 2020 , Bordeaux

3rd year Ms Sc Engineering, Computer

Science, Nanophotonics, VR/AR, Image Processing, Simulation, 3D

September 2018- May 2019

2nd year Ms Sc Engineering, Computer Sciences, Optics, Physics, Photonics, Nanophotonic, Image Processing

September 2017-June 2018

1st year B Sc Engineering, core curriculum (Optics, Electronics, Photonics).

### ACTIVITIES

- APRIL 2022: MIMM Project (stands for I Computer scientist, I mathematician in french in a femal gendered grammatical form). A week of coding activities with girls between 13 and 15 yo.
- JUNE 2022: VIVATECHnology exhibition (Europe's biggest Startup and Tech event). Augmented Reality animation about my Phd work on the laboratory booth.
- SEPT 2022: Summer School on Science Communication in VIU (Venice International's University).
- SEPT 2022: COP27 Project. Presented visualization in AR applied to eco-feedback to High School Students.
- OCT 2022: Village des Sciences (CAP Sciences). Mediation booth about AR.
- NOV 2022: French Tech Day. 15 min talk about AR.
- April 2023: CHI'23 Interactivity session.