

# ANTONIN CHEYMOL

**Human Computer Interaction** student,  
Paris-Saclay University

**Phone:** +33 6 88 10 20 28

**E-mail:** antonin.cheymol@gmail.com



## Education

---

2018-2020:

- **Master in Human Computer Interaction**, Université Paris-Saclay, France (validated with highest honors)

2015-2018:

- **Bachelor in Computer Science**, Université Paris-Saclay, France

## Research Experience

---

**2021: Six months internship, Korea University, Media lab** [[link](#)]

- Application of **pseudo-haptic** to virtual **magnet attraction** rendering.

➤ *Supervised by Pr. JungHyun Han*

**2020-2021: Research-student for one year, The University of Tokyo, Cyber Interface Lab.** [[link](#)]

- Use of **visuo-haptic illusion** to improve the perceived speed of **handheld haptic devices** in **virtual reality**.

➤ *Supervised by Dr. Shigeo Yoshida.*

- Use **haptic retargeting** to support **self-touching** during **morphology alteration**.

➤ *Supervised by Dr. Nami Ogawa and Dr. Takuji Narumi.*

**2019: Three months internship, LIMSI, CPU team** [[link](#)]

- **Visualization** of sport data adapted to the user, in the context of **motivational interaction** with a **conversational agent**.

➤ *Supervised by Dr. Brian Ravenet.*

**2019: One semester research work, LRI, Ex)Situ team** [[link](#)]

- **Remote interaction** with virtual objects in **virtual reality**.
  - *Supervised by Dr. Cédric Fleury.*

**2018: Three months internship, LIMSI, AMI team** [[link](#)]

- **Visualizations** of hidden Markov model.
  - *Supervised by Dr. Jules Françoise.*

## **Research interests**

---

- Virtual Reality
- UI/UX Design
- Cognitive Science
- Virtual Embodiment
- Haptic devices

## **Languages**

---

- **English** (advanced)
- **French** (native)
- **Japanese** (basic conversations)

## **Skills**

---

**Languages:** C#, Java, C/C++, JavaScript, TypeScript, Python, Ocaml, HTML, PHP, SQL.

**Software and environments:** Unity, Android Studio, Arduino, Processing, Blender, Node.js, Git.

**Design of electrical circuits** (basic)

## **Activities**

---

- **Sport:** Martial art competition and teaching (6 years).
- **Drawing**