



Chatain Julia
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PhD Student
 ETH Zurich (Switzerland)
 Human Learning, Embodiment, HCI, Mathematics



Academic Profile

- 2015-2016** Research in Human Computer Interaction
Geographic interactive and collaborative augmented maps
Potioc Team, Inria Bordeaux Sud-Ouest, France
- 2013-2015** Master of Science in Computer Science
École Polytechnique Fédérale de Lausanne, Switzerland
- 2010-2013** Engineering degree in Computer Science
Completed with "Outstanding investment"
École polytechnique, Palaiseau, France
- 2008-2010** Preparation school to "Grandes Écoles"
Elite class (MP*), focus on mathematics
Lycée Descartes, Tours, France



Experience

- 2017-2019** Research Engineer
Augmented Reality, gaming, education
ETH Game Technology Center, Zurich, Switzerland
- July-Sept 2016** SWE Internship
Evaluation framework for reverse geocoding algorithms
Google, Zürich, Switzerland
- Feb-July 2015** Master Thesis (Garde 6/6)
Augmented Maps for subjective expression
Potioc Team, Inria Bordeaux Sud-Ouest, France
- July-Sept 2014** Start-up Internship
Research - Algorithms for garment and avatar modeling
Fitle, Paris, France
- August 2012** Company Internship
Generation of animations for music
Microsoft, Paris, France
- 2010-2011** Quality Assistant
Creation of dashboards for ISO-9001 certification
Gendarmerie nationale, Maison-Alfort, France



Skills

- Languages** French (native), English (pro), Spanish (basic), Russian (basic), German (basic)
- Computer Science** C++, C#, Java, Python, Processing, Scala, Matlab
- Graphics** Photoshop, InDesign, Illustrator, Inkscape
- Other** PSC1 (First aid training)



Associations

- 2017-2019** Organisation of Game Events
Zurich, Switzerland
- 2015-2016** Member of Femmes et Sciences
Promoting women in science
Bordeaux, France
- 2012** President of APR
Coordinating the edition of the school yearbook
Palaiseau, France
- 2011** President of Binet LSF
Organizing Sign Language classes
Palaiseau, France
- 2011** Vice president of Binet IK
Editing the weekly school journal
Palaiseau, France
- 2011** Treasurer of Binet GraphX
Editing posters and logos for students
Palaiseau, France



Tutoring and supervising

- 2015-2018** Django coach
Django girls events in Bordeaux and Lausanne
France and Switzerland
- 2018** Supervisor
Matura project on AR Gaming
Zurich, Switzerland
- 2015-2016** Algorithmic teacher
Practical work for first year students
IUT, Bordeaux, France
- Nov 2015 - Jan 2016** Supervisor
Telecommunication project for master students
Enseirb, Bordeaux, France
- 2010-2011** Personal math teacher
Various students (from 10 to 18 years old)
Paris, France



Hobbies

- Travelling** Argentina, Canada, Romania, India, Thailand, South Africa
- Creating** Sewing, writing, drawing
- Games** Puzzles, board games, video games
- Sports** Roller skating, brazilian jiu-jitsu, hiking