Arthur Darcet

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Nationality: French
Birth date: 11/11/1989

Education

2012 – 2013 **Master MVA** - **ENS Cachan**, *Paris*.
Courses on machine learning, computer vision and digital imaging

2009 – 2013 **École polytechnique**, *Paris*, One of France's leading universities for high level scientific studies.
Specialization in computer science : visual computing; following courses on networks and parallel programming

Professional Experiences

2013 – current **Glose**, Paris, CTO / Backend dev.
Using the latest science and technology to long form textual content to create new forms of discovery, sharing, and engagement in reading.
- Building an infrastructure platform hosting and delivering 5M+ titles to readers
- Creating machine learning algorithms to extract knowledge and data from our text corpus (300B+ words)
- Working with educators to help students read more and better.
- Building a big data infrastructure to personalize reading and improve learning.
NLP – Machine Learning – Python – React – MongoDB – Google Cloud Platform – Kubernetes

2017 – current **EPITA**, Paris, Teacher.
Teaching the Python class for year 4 students

2012 **Eventbrite**, San Francisco, Software engineer.
Working with the Fraud & Risk team to detect order frauds.
- Building a fraud detection model and training it against thousands of previous frauds
- Implementing the review interface to allow the sales team to accept/reject the orders
Machine Learning – Python – Scikit – Django

Summer 2011 **Orange UK R&D**, London, Web developer.
Bench-marking how mobile web frameworks could eventually replace the existing native apps
Javascript – Sencha

2010 – 2011 **Students' IT Association**, President.
- Managing a team of 20 expert students
- Providing IT services to the 1000 students of the campus
Unix server administration – Network – Mail server – PHP web development – Salt

2009 – 2010 **Hôpital de Saint Denis**, North of Paris.
Eight-month leadership training as a member of the hospital staff, as part of École polytechnique curriculum

Computer projects

2011 & 2012 **ACM efficient programming contest**, Selected for the Southwestern European contest.
Algorithmic – Java – C++

2010 **Polytechnique scientific project**, Created a virtual 3D Chess game using OpenCV to interact with webcams and OpenGL to represent the game.
Computer vision – OpenGL – OpenCV – C++

2009 **Ponts Études Projets**, Design and implementation a new web-based Information System.
PHP – MySQL

2007 – 2009 **Undergraduate scientific project**, Design and development of an image compression algorithm.
OCaml

Outside interests

Sport **Rock Climbing**, currently training six hours a week.

Tutoring **Computer Science and Mathematics**, for undergraduate students.