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## Emmanuel Charon

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### PROFILE

I am a battle-proven project manager and lead programmer with experience in startup environments. I have a passion for solving hard problems which require creativity. My double expertise is in applied machine learning and video game development. I live for the opportunity to apply my skills for the greater good.

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### SKILLS

Creativity, machine learning, programming, cloud computing, project management, game design, game development, user experience, data analytics, web data mining.

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### PROFESSIONAL EXPERIENCE

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| Jun 2017 - present  | <b>Machine Learning R&amp;D Engineer</b> at AODocs in Paris. Created ML applications in the product.  |
| Jul 2015 - Jun 2017 | <b>Founder</b> of Irminsul Studio in Paris. Invented, produced and published video games.   |
| Apr 2013 - Jul 2015 | <b>Machine Learning Engineer</b> at Diffbot in California. Designed, coded, tested, and improved state-of-the-art AI algorithms to analyse web pages automatically using supervised machine learning. |
| Sep 2012 - Apr 2013 | <b>Teaching Assistant</b> at Stanford University in California, in computer networking classes.   |
| Summer 2012         | <b>Software Engineer Intern</b> at Cisco Systems in San Jose, California. Worked on a datacenter OS.  |
| Spring 2011         | <b>Research Intern in Applied Mathematics</b> at Telecom ParisTech in Paris. Worked on network congestion control and received a prize.   |
| Summer 2010         | <b>Waiter</b> at the Hotel Las Brisas, Acapulco, Mexico. Summer job in a luxury hotel.  |
| Sep 2008 - Apr 2009 | <b>Police Officer</b> at Gendarmerie Nationale in Caen, France. Military internship in an intelligence agency.  |

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### EDUCATION

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| Sep 2011 - Apr 2013 | <b>Master of Science</b> at Stanford University in California, in <b>Electrical Engineering</b> . Coursework on computer networks, data analysis and machine learning. |
| Sep 2008 - Aug 2011 | <b>Diplôme d'Ingénieur</b> at École Polytechnique, in Palaiseau, France. Coursework on mathematics, programming and telecommunication protocols.                       |
| Sep 2006 - Aug 2008 | <b>Classes Préparatoires</b> at Lycée Louis Le Grand in Paris, France. Preparatory years for the nationwide competitive examination for scientific studies.            |

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### LINKS

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|--------------------------|---|
| LinkedIn - full resume : | <a href="https://www.linkedin.com/in/emmanuel-charon-03725357/">https://www.linkedin.com/in/emmanuel-charon-03725357/</a> |
| GitHub :                 | <a href="https://github.com/emmanuelcharon">https://github.com/emmanuelcharon</a>   |
| Irminsul website :       | <a href="http://www.irminsul.studio/">http://www.irminsul.studio/</a>   |

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### LANGUAGES, TECHNOLOGIES AND HOBBIES

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| Languages :             | French, English.   |
| Programming languages : | Java, Python, C#, JavaScript, C++.                                 |
| Cloud Computing :       | Google Compute Platform, Amazon Web Services, Microsoft Azure.     |
| Game Development :      | Unity3D.   |
| Hobbies :               | Game Jams, Ecology, Running, Snowboard, Cooking, Playing Football. |

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