

Sami Moustachir

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Summary

Engineering student in computer science, I am passionate about entrepreneurship, new technologies. I am currently looking for an exciting position in engineering and data science for Fall 2016

Degrees

Masters of Engineering Science, Ecole Nationale Supérieure des Mines de Nancy, Nancy, France, 2013-2016

Relevant Courses: Statistics/Probability/Fluid Mechanics/Thermodynamics/Numerical Analysis/Informatics

Preparatory Classes, Lycée Saint Louis, Paris, 2010-2013

Three-year, intensive, post-high school courses in advanced and applied mathematics, physics and computer science to prepare a national examination for the “Grandes Ecoles”.

Professional Employment

Data Engineer Stratagem Technologies, London, Nov 2015 - March 2016

- Worked in the Trading System Engineering team on the execution algorithms.
- Built an asynchronous engine to have real time data using third party providers.
- Worked on parallelizing data processing with Spark.
- Wrote a connector to IPython to visualize backtest results with Bokeh and Pandas.
- Technologies: Python, SQL, Mongo, Cassandra, AWS, API, Spark

Associate Program Techstars, London, July 2015 - Oct 2015

- Hacking growth for Techstars London '15 companies. Python and data enthusiast.
- Scrapping data on the web and probably responsible of spamming thousand of inboxes.
- Going through a ton of API for integration and ending up emailing the companies to fix their bugs in their API.

- Developing an iOS app as a side project to never miss again your tube stop, soon to be released!

Junior iOS Developer Creativity, Paris, July 2014 - August 2014

- A 2-month internship in mobile application development.
- I took part in the development of the iOS version of Abbvie, an app helping people who are diagnosed with crown's disease.
- I personally worked on the medical profile, the list of vaccine and the address book of the app and the databases associated.
- Technology: Xcode, Objective-C, CoreData

Industrial Placement Student, Air France Industries KLM Engineering & Maintenance, Jan 2014- Feb 2014

- To validate my Engineer's Degree, I had to do an internship as an industrial worker whose purpose was to better understand what industrial workers go through.
- My job was to conduct general overhauls for aircraft batteries. I dismantled them to wash them in a washing machine. I rebuilt and tested the batteries in accordance with a specific protocol before sending them back to the workshop.

Technology Applications and Expertise

Specialized Skills Data Analysis, Algorithmic, Machine learning, Mathematics, Computer Vision, DevOps, GIT

Programming Extended knowledges in Python, good knowledges in Swift and curious in any programming languages with a good documentation

Achievements & Rewards

Hackathons Member of the winning team at Startup Weekend Paris: Makers Edition with Foreplay

Third prize at BT Hackathon with a Slack bot to receive voice messages

Winning team of Catapult System Intelligent Transport hackathon with Tubester, an app to warn you when to go out in the tube