
NASR KHNEISSER MIA

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EXPERIENCE

- Full stack engineer,** 02/2019 – Present | **NeoXam** – Paris, France
<https://www.neoxam.com/>
- Created dashboards that help clients monitor their funds and generate reports automatically
- Node.js, Vue.js, CSS, JavaScript, Python
- Side Project** 11/2019 – Present | **Boursonomic** – Paris, France
Boursonomic project will allow each user to track their investments: the user will have the possibility to see the performance of their funds, how much money they gained or lost and even follow the news related to topics they're interested in.
- React.js, CSS, JavaScript, Python, flask, MongoDB, InfluxDB, Docker
- Data scientist,** 07/2018 – 12/2018 | **AXA France** – Paris, France
<https://www.axa.fr>
- Created a model to optimize the purchase of leads.
 - Created a named entity corpus in French based on Wikipedia's articles
- Python, scikit-learn, LightGBM
- Internship,** 07/2016 – 09/2016 | **Haute Ecole d'ingénierie et d'architectes de Fribourg** – Freiburg, Switzerland
<https://www.hes-so.ch/fr/fribourg-947.html>
- Modified the library webRTC and added functionalities to the project.

EDUCATION

Specialized Master – Télécom ParisTech: 2017, 2018 – Big Data: Management and analysis of massive data
Master Degree - Saint Joseph University – Faculty of Engineering: 2012, 2017 – Computer and communication engineer

ACADEMIC PROJECTS

- 11/2017 – 06/2018 | **Télécom ParisTech, in collaboration with BNP Paribas** – CFA bot
<https://atelier.bnpparibas>
- Built a bot that can answer the Chartered Financial Analyst quiz (CFA):
- Document retrieval: finding the relevant source of information
 - Document reader: identifying the answer spans from those documents (Natural Language Processing)
 - Choice selector: select the correct answer from the all the choices
- Python, scikit-learn, spaCy
- 2016 – 2017 | **Final year project at Saint Joseph University, in collaboration with CME Offshore** – Childcare
<http://www.gotocme.com>
- Built a predictive model that helps us identify future gaps and/or identify trends in the learning curve of a child.
 - Learned a new genetic algorithm, neuroevolution of augmenting topologies, in order to accomplish the project.
- C++
- 2015 – 2016 | Won the **Murex prize** for the **best innovative and collaborative multidisciplinary project**. "Recycle Bin" project is a smart bin, controlled by a Raspberry Pi, that recognizes the type of trash and sorts them in their corresponding container using Machine Learning, in addition to sending information on the cloud (Azure) about its content and displaying them in a beautiful responsive web application.
- Publication:** "Sakr, George E., Maria Mokbel, Ahmad Darwich, Mia Nasr Khneisser, and Ali Hadi. "Comparing deep learning and support vector machines for autonomous waste sorting." In *Multidisciplinary Conference on Engineering Technology (IMCET), IEEE International*, pp. 207-212. IEEE, 2016."

SKILLS

Languages: English, French, Arabic (native)

Programming languages: Python, Java, HTML, CSS, JavaScript, XML, PHP, Scala, C++, C, C#, SQL, Spark/Hadoop

INTERESTS AND SPORTS

Voluntary work: Caritas Lebanon, Rmeil Beirut Sector.

Academic Chief of the club 'Mouvement de l'ESIB Solidaire'

Scuba Diving: Certified in Advanced open water and nitrox.

Badminton: Won the TITAN championship - France (2017), twice the Lebanese universities championship (2015, 2017) and twice the Lebanese national championship (2011, 2012).