Houssam Eddine Trizi

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EDUCATION

Mohammedia Engineering School	**Rabat, Morocco**
Master of science in Modeling and Scientific Computing	*June 2016*
Abi Darr ElGhifari High School	**Rabat, Morocco**
Bachelor's Degree major: Physics	*June 2009*

EXPERIENCE

Societe Generale Corporate and Investment Banking   **Casablanca, Morocco**
Equity Pricing Developer   *Mar 2017 – present*

- Developed a python application to automate and schedule batches of pricing requests (including output formatting & automatic reporting) of cross asset structured products, used by trading, pricing & sales teams.
  - Stack: Python 3, Flask, MongoDB, Pandas.
- Implemented Python wrapper modules and clients to wrap R&D APIs for use by pricing teams.
- Migrated legacy codebase to Python 3.

OCP SA   **ElJadida, Morocco**
Software Engineer Intern   *Feb 2016 – June 2016*

- Analyzed and performed a feasibility study of software solutions for waste dispersion modeling.

Societe Generale Sogecapital Asset Management   **Casablanca, Morocco**
Software Developer Intern   *June 2015 – Aug 2015*

- Developed an application using Python, Pandas, Numpy & SqlAlchemy to monitor financial ratios used in financial analysis.
- Designed a tool using Python & Javascript to automate weekly reporting.

PROJECTS

Batch Pricing Project   *Aug 2017 - Present*

- Implemented logic and database managers in an object oriented approach.
- Developed and integrated Python clients for R&D pricing web API's.
- Automated generation and delivery of marketing templates.
- Used Jenkins pipeline for the CI/CD of the project

Email Pricing Service   *Mar 2017 – Aug 2017*

- Developed an external email based pricing API used directly by clients to price equity structured products.
- Implemented generic products mapping system. (using anticipated implementation of Python 3.7's data classes (PEP 557))

SKILLS

- Relevant Coursework: Data Structures and Algorithms, Databases.
- Programming Languages: Python, C++, Java, HTML/CSS, Javascript.
- Frameworks, technologies & tools : Flask, Django, Bootstrap, jQuery, Pandas, Numpy, REST, JSON.
- Databases: MySql, Sqlite, MongoDB.
- CI/CD & version control: Jenkins, Docker, JFrog Artifactory, Git.
- Fluent in French, advanced level in English.