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**
Junior Software Engineer *Mar 2017 – present*

- Developed a batch pricing automation framework to automate and schedule overnight batch pricing requests (including output formatting & automatic reporting) of financial structured products using Python 3 Flask, MongoDB.
- Developed Python tools and modules to wrap R&D C# APIs for use by pricing teams.
- Assisted in Migration of legacy codebase into Python 3.

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

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

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

- Developed an API 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*

- Impemented logic and database models in an object oriented approach.
- Developed and integrated Python clients for R&D pricing web API's.
- Automated generation of marketing templates, output formatting and email sending.

Email Pricing Service *Mar 2017 – Aug 2017*

- Used EWS to provide an external pricing API's used directly by clients to price investment products.
- Developed an automated email parsing system to forward parsed pricing request to R&D pricing APIs. (using anticipated implementation of Python 3.7's PEP 557 data classes)

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 API, JSON.
- Databases: MySql, Sqlite, MongoDB.
- CI/CD & version control: JFrog Artifactory, TeamCity, GtiHub.
- Fluent in French, advanced level in English.