

PhilippeKHIN

www.filipyoo.com philippe_khin@hotmail.fr

github.com/filipyoo linkedin.com/in/philippe-khin

I am a Data Engineer, with **French, English, Japanese** and Cambodian language proficiency. Driven by the desire to learn and explore, I constantly keep up with trendy technologies and share my personal small side projects on my programming blog by communicating ideas and stories behind each project.

Experience

❖ **Software Development Engineer, Mitsubishi Electric (Japan)**

(August 2016 – January 2017)

Implementation from scratch of a real-time anomaly detection for **IoT** devices, on the **Microsoft Azure cloud** using Machine Learning algorithms.

Technologies used:

- Python (Pandas, NumPy/SciPy, scikit-learn, Jupyter Notebook)
- Azure Services (Machine Learning, IoT Hub, Stream Analytics, Microsoft Power BI)

❖ **Data Engineer Intern, Ctrip (China)**

(April 2017 – August 2017)

Design from scratch of multi-transfers flight routes and Multi-Objectives Shortest Path Algorithms

(see my blog for detailed articles)

Technologies used:

- Python (Pandas) - Tableau Software - MySQL - Neo4j (NoSQL Graph Database)

Notable personal projects

- Have a rapidly growing portfolio of **experimental programming side-projects** (see GitHub link)
- Have **built a programming blog** using Django framework, JavaScript, HTML/CSS and Bootstrap (see www.filipyoo.com)
- Have **used several APIs**, including, Twitter, Google Drive, MusixMatch, AWS S3, Microsoft API Services in a variety of tools, scripts and experiments

Education

- **Shanghai Jiao Tong University** (China, Feb 2017 – Aug 2017)
 - **IoT Project**: Fault tolerant e-Health architecture (*see my blog for detailed article*)
- **Kobe University** (Japan, 2015 – 2016)
Machine Learning and data mining courses.
- **INSA Lyon** Master's Degree in Telecommunications (France, 2014 – 2017)

Skills

Confident with:

- Python (Pandas, NumPy/SciPy, scikit-learn, Django)
- Cloud computing (Microsoft Azure, AWS)
- Data analysis, visual communication, blogging
- APIs, SQL (MySQL), Neo4j (NoSQL)

Good at:

- Webscraping, Machine Learning
- Java, JavaScript, HTML5, CSS3
- Android, Github, Overview Hadoop knowledge

Languages

French (native)
Cambodian (native)
English (fluent TOEIC 875)
Japanese (fluent JLPT N1)

Hobbies

Guitar/Piano (self-taught 7years)
Learning languages, Travel