Yann Picard

Work Authorization: US citizen
9567 Sundial Court, 23294 Henrico, VA, USA

US: 00 1 202 594 5250
FR: +33 6 95 39 59 68
yann.picard95@gmail.com
ypicard.dev
github.com/ypicard

EXPERIENCE

Mar. 19 - Present	**Malou** — Lead Software Engineer — Paris, France
	- Unlocked a productivity increase of 50% per employee by developing SEO management software for restaurants: allowed the company to support 20 new clients (+40%) without internal hiring.
	- Developed a sentiment analysis NLP algorithm to identify restaurant weaknesses based on their online reviews: observed 20% average increase in online visits and 10% additional monthly covers served.
Sept. 18 - Mar. 19	**Ekimetrics** — Software Engineer — Hong Kong
	- Refactored a legacy tool used to support strategic decision-making processes for a worldwide leader in insurance across 40 countries: boosted performance up to 100x, brought test coverage to 80%, reduced email complaints by 100% which ultimately contributed to client's contract renewal.
Mar. 17 - Sept. 18	**Ekimetrics** — Full-Stack developer — Paris, France
	- Revolutionised digital marketing ROI measurement by developing a real-time monitoring dashboard (Elasticsearch) to study social media reach of 20 brand influencers on 3B followers.
	- Developed a tool to monitor cosmetic sales ($670M) of 2000 products in 5 countries via automated data integration of 30 different data sources, providing a consolidated view of sales never seen before in the company.
Feb. 16 - Apr. 16	**Heartflow** — Student Software Engineer — San Francisco, USA
	- Increased weekly processed code reviews by 20% by developing a continuous integration tool to improve GitHub productivity, deployed on Phabricator for 50 developers.

STUDIES

2014 - 2017	**Ecole Mines Nantes / IMT Atlantique** — Nantes, France — MSc in Computer Science & Engineering (GPA: 3.40)
	Embedded systems, signal processing, advanced statistics, data structures, algorithms.
2016	**University of Tokyo** — Tokyo, Japan —MSc Exchange Student in Information Science and Technology (GPA: 3.81) — #1st University of Asia
	Parallel and distributed computing, autonomous systems, robotics, physically based animation.
2016	**Stanford University x Coursera** — Machine Learning certification
	Neural networks, deep learning, classification.

TECHNOLOGIES

Ruby on Rails, Python, NodeJs, C++, Matlab (& Simulink), Opencv, Tensorflow — PostgreSQL, Mongo — Angular, HTML, CSS — Linux, Docker, zmq, mobile development — AWS, Heroku.

PERSONAL PROJECTS

2019	**Autonomous car prototype** running on Raspberry Pi
	- Built an autonomous RC car with object and lane detection using computer vision (Opencv), hypersonic sensors, DQN reinforcement learning algorithms trained on AWS and a distributed architecture on Linux.
	- Added real time monitoring dashboard on central server to track live performances.
2018	**Video game website** extension
	- Tracked 11 extra in-game player statistics, organised leagues and brought balanced matchmaking with custom player scoring: tracked 500+ games for 30 daily players.
2017	**Slack bot** collecting daily food delivery menus
	- Consolidated daily food menus of 5 delivery services with unsecured API hacking and HTML scrapping: bot downloaded 150 times, contacted twice for partnerships.

LANGUAGES & INTERNATIONAL EXPERIENCE

English: Native	**French:** Native	
USA: 7 years	**Japan:** 6 months	**Hong Kong:** 6 months