

# Malik Olivier BOUSSEJRA, PhD

Polyglot software engineer with 10+ years of professional experience in start-up environments. Seeking to leverage strong leadership skills and expertise to build product teams with highly motivated engineers.

## PERSONAL DATA

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## WORK EXPERIENCE

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| FEB 2023–Current  | Senior Engineering Manager at SORACOM, Tokyo<br>Dedicated people manager of 3 teams of 5 engineers, each team working with different technologies on parts of the product. Joined at a time when Soracom was experiencing growing pains. Put into place structures to effectively grow the team from 36 to 50 engineers, leading to IPO in March 2024. In that time, hired several engineers with 100% retention rate, mentored new managers, grew a team lead into a managerial role and grew individual contributors into team lead roles. Ensured cross-functional communication with Business Development and Sales teams. Led reduction in technical debt for faster delivery.<br>Technologies routinely in use: AWS, CLAUDE CODE.                                                                                                                                                                                              |
| JUN 2018–FEB 2023 | CTO at EPIGNO, Tokyo<br>Joined Epigno at founding as first developer and CTO. Designed, developed, coded and deployed the main products at Epigno from scratch—EPITAL HR (SaaS) and EPIOPE (on-premises). This includes customer hearing and crafting solutions to complex business problems, leading to strategic contracts with more than 20 medical enterprise customers. Hired and grew the engineering and design team from 1 to 20, through two rounds of funding (280M yen).<br>Managed two agile engineering teams, one for each product, empowering every developer's performance and maximizing their contribution, by creating a culture of mutual trust, help and code hygiene. We implemented monthly 1on1s where we review each member's motivations, objectives and key results.<br>Technologies routinely in use: AWS, CI/CD, PROPERTY-BASED TESTING, POSTGRES SQL, VUEJS, TYPESCRIPT, RUST, DOCKER, LARAVEL, FLASK. |
| DEC 2015–MAR 2018 | Lead Engineer / Manager at SYMAX, Tokyo<br>Served as hardware IoT team scrum master for a year. Tackled a wide variety of problems while managing a team in a fast-moving environment, from embedded programming to server-side, client-side and machine-learning solutions. In addition to pure engineering activities, work included the recruitment of engineers, communications and negotiations with outsourcing contractors and several factories for manufacturing.<br>Mastered technologies: AWS, C, NODEJS, RUBY-ON-RAILS, YOCOTO, SCIKIT-LEARN, ST MICROCONTROLLERS.                                                                                                                                                                                                                                                                                                                                                       |
| JUL 2013–MAR 2016 | Freelancing with the following notable work<br>Collaborated with overseas developers on a WebGL app for 3D scanner data visualization in Tianjin, China.<br>Developed medical imaging software for nuclear medicine in Python, visualizing kidney/bone scintigraphy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## EDUCATION

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| SEP 2016–SEP 2019 | PhD of Science and Engineering in COMPUTER SCIENCE, <b>Keio University</b> , Japan<br>Thesis: “Visual Programming Environment for Analysis of Multi-Spectral Astronomical Data”<br>Project Page: <a href="https://github.com/aflak-vis/aflak">github.com/aflak-vis/aflak</a> 4 papers published |
| SEP 2014–SEP 2016 | Master of Science and Engineering in COMPUTER SCIENCE, <b>Keio University</b> , Japan                                                                                                                                                                                                           |
| SEP 2012–APR 2014 | Master of GENERALIST ENGINEERING at <b>École Centrale de Nantes</b> , France                                                                                                                                                                                                                    |

## LANGUAGES

ENGLISH: Full professional proficiency	FRENCH: Native language
JAPANESE: Full professional proficiency (JLPT N1)	CHINESE: Working proficiency

## COMPUTER SKILLS

Software: GIT, UNIX TOOLS, NETWORKING, LINUX KERNEL AND DISTRO TINKERING, ~~LaTeX~~  $\text{\LaTeX}$   
Programming Languages: RUST, TYPESCRIPT, PHP, PYTHON, C, RUBY, GO, SHELL

## INTERESTS AND ACTIVITIES

Sciences, Astrophysics, Mycology Open source contributor (e.g. [imgui-rs](#))  
Linguistics, Learning Languages (developer of [fahm](#))  
Free Software, Programming, Linux