Caio Fleury

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[Portfolio Website](#) | [Github Profile](#) | [Kaggle Profile](#) | [NPM Profile](#) | [LinkedIn Profile](#)

EXPERIENCE

MSDK Research   **Jul 2020 – Present**
Data Scientist, Full Stack Software Engineer, Product Manager   Sliven, Bulgaria [Remote]

- Developed a data analysis project for scraping and analyzing thousands of grants from the EU's electronic system. This automated the process of searching for viable funding opportunities, reducing this operation's time cost by over 100%
  Employed Tech Stack — **Python: Selenium (Headless Chrome), Pandas, NLTK, Scikit-learn, Matplotlib**
- Implemented and tested computer-vision neural networks for anomaly detection, fall detection, and more. Evaluated tens of neural networks for their viability and accuracy, selecting the fittest to be deployed in the company's projects
  Employed Tech Stack — **Python: TensorFlow, Scikit-learn, Torch, Pandas, Matplotlib, Darknet**
- Developed a dashboard web application in less than 5 months. This allowed the company to acquire an initial pre-seed investment of over 10 thousand dollars for further development of ResQ, an AI powered solution for worker safety
  Employed Tech Stack — **TypeScript: Angular, GraphQL, Lodash, Mapbox**
- Implemented systems for automated testing and debugging the API that connects IoT devices with AI analytics modules and a dashboard web application. Lessening debugging complexity and decreasing server downtime by 30%
  Employed Tech Stack — **JavaScript: Node.js, Mocha.js, PostgreSQL | GO: Prometheus, Protobuf**
- Created 14 pitch decks and over 20 promotional materials in different languages, presented and pitched to potential investors and committee boards, landing the company a place in different accelerators such as Point.IoT

Qoollo   **Jun 2019 – Jun 2020**
Junior Data Scientist, Junior Full Stack Software Engineer   Moscow, Russia

- Delivered a quantitative analysis of the error margin of tens of different image recognition neural networks
- Created a C++ based software that identified car license plates and models via a recurrent neural network
- Developed custom-fit web servers and APIs. Deployed respective web apps in a Docker container
  All Employed Tech Stacks — **JavaScript: Node.js, Express, Mongo, Docker | C++: Darknet, .NET**

Kickidler   **Nov 2018 – Apr 2019**
Associate International Product Manager, Software Engineer   Moscow, Russia

- Spearheaded the development of an app that creates budget quotes in 4 languages, reducing the sales team's time cost for this task by over 50% and ensuring a high standard of service for international clients
- Delivered custom sales pitches and on-demand IT support to dozens of international clients per day
  All Employed Tech Stacks — **JavaScript: React.js, Node.js, Express**

EDUCATION

Bachelor of Computer Science, First-Class Honors   **University of London**

- Publications: Fairness and Bias in Machine Learning

Information Analytics & Political Technologies   **Bauman Moscow State Technical University**

- Awards: European Engineering Championship, 1st Place, Team Captain; Bauman Case Cup, 1st Place, Team Captain

OTHER

- **Certifications:** Data Science Professional Certificate (IBM), English as a Foreign Language (TOEFL), Russian as a Foreign Language (MSU), Technical and Engineering Engagement (UNESCO)
- **Volunteering:** WebDev Teacher (Impacta Jovem Brazil), Intercultural Counselor (American Field Service Brazil)
- **Languages**: Portuguese (native), English (fluent), Russian (fluent), Spanish (intermediate), French (beginner)
- **Soft Skills:** Teamwork, Public Speaking, Project Management, Flexibility, Pitching, Agile Methodologies, Remote Work
- **Technical Skills**: Python, Docker, Scikit-learn, TensorFlow, Matplotlib, NLTK, Jupyter, Torch, Pandas, Selenium, Django, NLP; JavaScript, React, Angular, Express, Node, HTML/CSS, JSON; GO, Prometheus, Protobuf; C++, VBA, .NET; Linux, Bash, SQL, MongoDB, PostgreSQL, CI/CD, QA/QC, Excel, Jira, Github, Figma, UML, Heroku, AWS