

Bogdan FLORIS

Software Engineer | Artificial Intelligence Graduate Student

[in](https://www.linkedin.com/in/bogdan-floris) [linkedin.com/in/bogdan-floris](https://www.linkedin.com/in/bogdan-floris) github.com/BogdanFloris

[@ bogdan.floris@gmail.com](mailto:bogdan.floris@gmail.com) [+40 752 223 593](tel:+40752223593)

[Amsterdam, Netherlands](#) | [Bucharest, Romania](#)

Determined and focused software engineer and graduate student in Artificial Intelligence. I'm interested in building scalable web applications, distributed programming, and machine learning. I am skilled in various programming languages including Python, Java, Rust, and Go.

EDUCATION

- 2020 Master's degree in Artificial Intelligence from the University of Amsterdam
- 2018 Bachelor's degree in Computer Science and Engineering from Eindhoven University of Technology
- 2015 High-school diploma from Saint Sava National College, Bucharest, Romania

SKILLS

Programming	Python, Java, Rust, Go, Kotlin, .NET (C#), Javascript, HTML, CSS
Frameworks	Django, Rocket (Rust), Spring, Spring Boot, React
Databases	PostgreSQL, Microsoft SQL Server, MongoDB
Development environment	Jetbrains IDEs, git, Visual Studio Code, vim
Operating systems	macOS, Ubuntu, Archlinux
Data Science	Machine Learning, Deep Learning, Boosting, NLP, Information Retrieval

EXPERIENCE

August 2019	Software Engineer Intern, DATACAMP, Leuven, Belgium
June 2019	<ul style="list-style-type: none">> Was part of the Automated Feedback Systems team whose task was to provide automatic and individual feedback to students' submissions to exercises> During my time here, we developed a new system for providing feedback to exercises using the Scala programming language, while also maintaining the already existing systems> Also implemented Continuous Integration workflows for already existing repositories <div>Python Pycharm CircleCI PostgreSQL Microsoft SQL Server Node.js React</div>
April 2018	Bachelor Final Project, TU/e, Eindhoven, Netherlands
July 2018	<ul style="list-style-type: none">> Built a banking web application as part of the bachelor final project, together with 9 other students> Tech stack included : Python with the Django web framework, PostgreSQL, and Vue.js for the frontend> My responsibilities included : building the database scheme and the event queueing mechanism (all based on the event sourcing design pattern), and implementing several REST API endpoints <div>Python Django Pycharm PostgreSQL</div>
Nov. 2017	Data Analytics Tutor, TU/e, Eindhoven, Netherlands
April 2018	<ul style="list-style-type: none">> Tutored a group of 30 students twice a week on data analysis using Python packages like Numpy, Pandas, Matplotlib, and Sklearn.> Graded the students' two programming assignments <div>Python Numpy Pandas Matplotlib Sklearn</div>

PROJECTS

add-gitignore

2019 - PRESENT

github.com/BogdanFloris/add-gitignore [crates.io link](https://crates.io/crates/add-gitignore)

Interactive CLI application which generates standard **.gitignore** files for projects

Rust CLI application

REINFORCEMENT LEARNING LIBRARY

2018 - PRESENT

 github.com/BogdanFloris/reinforcement-learning-lib

Python library that implements some common reinforcement learning algorithms using the OpenAI Gym environments

[Python](#) [Reinforcement Learning](#) [Tensorflow](#) [OpenAI Gym](#)

RECTANGLE PACKING

2017 - 2017

 github.com/BogdanFloris/rectangle-packing

Desktop application that packs the given input rectangles into the minimum enclosing rectangle. This problem is **NP-Hard** and uses three different algorithms depending on the size of the input

[Java](#) [NP-Hard](#)