



# Khrystyna Fedyuk

📍 Lisbon, Portugal

☎ (+351) 910728342

✉ kfedyuk.geral@gmail.com

in khrystyna-fedyuk

🖱 khrystynafedyuk.me

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## Profile

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I'm from Loulé (in Algarve) and moved to Lisbon 5 years ago to study the course I'm finishing now. This experience has thrown a huge amount of obstacles and responsibilities at me through the years, allowing me to grow a whole lot.

I consider myself a persistent and curious person, I like challenges where I can grow and learn new things. Currently, one of my main interests is distributed computing, which is the field of my master's thesis.

## Education

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| 2014 – 2020         | <b>Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa,</b><br><i>Integrated M.Sc. in Computer Science and Engineering</i> <ul style="list-style-type: none"><li>• Currently working on my thesis to end the course. My average grade is 15.</li></ul>  |
| Sep 2017 – Jan 2018 | <b>Université Grenoble Alpes, M.Sc. in Computer Science and Engineering</b> <ul style="list-style-type: none"><li>• A semester in Grenoble, France by the Erasmus program, where I took the Programming language and compiler design course.</li></ul>  |
| Sep 2017 – Jan 2018 | <b>National School of Computer Science and Applied Mathematics of Grenoble,</b><br><i>M.Sc. in Computer Science and Engineering</i> <ul style="list-style-type: none"><li>• A semester in Grenoble, France by the Erasmus program where I took the Human Computer Interaction and Parallel Systems courses.</li></ul> |

## Professional Experience

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|---------------------|---|
| May 2019 – Oct 2019 | <b>LightKone - Lightweight Computation for Networks at the Edge,</b><br><i>Research Grant</i> <p>Worked with the Computer Systems Groups of NOVA LINCS to design an architecture, potentially based on microservice architectures, that will manage the execution of distributed applications across the cloud-edge spectrum. I focused on developing and testing a Java based discovery service for microservices for cloud/edge settings.</p> |
| Mar 2019 – Jul 2019 | <b>NOVA FCT, Teaching Assistant</b> <p>Selected to support the course Algorithms and Data Structures at NOVA FCT (taught in C), being responsible for teaching a class of Electrical Engineering BSc students during the Spring semester.</p>   |
| Jul 2018 – Aug 2018 | <b>NetCAOS, Lda, Internship</b> <p>Worked in a team in web development with VB.NET - ASP.NET MVC and SQL Server to test and extend a backoffice management website with an automatic billing system, integrated with API Mandrill, IfThenPay and WeoInvoice.</p>  |

## Skills

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### Programming Languages

Java (Maven, Gradle), C, C++, Python, SQL, Javascript, HTML, CSS

### Other Tools

Git, Postman, Tomcat, Google App Engine, Amazon EC2, MongoDB, levelDB, Google Cloud Data Store, SQL Server, MySQL

### Frameworks and Libraries

Spring, Jersey, React (Gatsby), Akka

### Spoken Languages

Portuguese, English, French, Russian, Ukrainian

## Other Activities

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2020

### Personal Website, Project

My personal website that I developed with Gatsby and React as I didn't like the idea of using a template and wanted to make it more personal.

Apr 2018 – 2019

### ExpoFCT, Volunteer

ExpoFCT is an annual event where each department shows its educational offer to pre-university (or younger) students through different workshops and activities.

- 2019 - Helped my department in the preparations for ExpoFCT and was part of a team responsible to introduce and guide the NanoRobots activity, where students learned basic programming concepts in an interactive and simple way with the help of Ozobots.
- 2018 - Invited to present my project "Almada Consigo" in the "Innovation Projects" section, where students showcase interesting projects that they developed.

2017

### Almada Consigo, Project

Project developed as part of the Engineering Project course where I developed, in a team of 5 people, an Angular frontend application with Java backend, supported by Google App Engine, along with an Android mobile application. The application is a service that allows you to post occurrences on the public road, such as potholes, and follow the resolution process, as well as share it and obtain feedback from the community.