

## CONTACT

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in Yu Cheng

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🌐 personal website

## SKILLS

Python 4 yrs

Java 5 yrs

Maven 3 yrs

Git 5 yrs

Spring boot 1 yrs

Javascript 3 yrs

Web Development 2 yrs

Microservices 1 yrs

Docker 1 yrs

NodeJs 1 yrs

AngularJs 1 yrs

SQL 3 yrs

C 2 yrs

## EXTRA/HOBBIES

- Participate in competitive programming.
- Currently learning AWS, Redis, and React.
- Play escape game and travel abroad.

# YU CHENG

Software Engineer

## EDUCATION

**M. Tech. - Computer & Information Engineering**  
**University of Lisbon - Lisbon, Portugal**

2019 - 2022

Specialization on Software Engineering.  
Thesis work on algorithm and its application. Passed with 18/20.  
Supervisors: Pedro Monteiro & Claudine Chaouiya

**B. Sc. - Computer & Information Engineering**  
**University of Lisbon - Lisbon, Portugal**

2016 - 2019

Major project was distributed systems, construction of software systems, software engineering project

## WORK EXPERIENCE

**Software Developer**  
**Devoteam, Lisbon**

Jan 22 - July 22

Project in financial sector and working for **Crédit Agricole**.  
Main responsibilities:

1. Developed and maintained 2 applications
2. Worked and coordinate with members of the mainframe team

**Software Engineer intern**  
**INESC-ID, Lisbon**

Sep 21 - Nov 22

Project in a **research institute**. Main responsibilities:

1. Designed, refactored and implemented dedicated algorithms
2. Integrated implemented algorithms into the existing Java library.
3. Facilitated its use by integrating it in the docker environment.

## PROJECTS

Explore more in my **Personal Website**:

**Construction of the software system for a gym**  
**Tool: JavaEE, JPA, ORM, Maven, SQL, JSP, HTML, Js**

2019

A web application that allows users to request a slot for the rooms in the installation. And the manager can approve it or reject it

**Evolution of Fairness in Scale-free networks**  
**Tool: Java, Java swing, Maven**

2019

A library developed to analyze the fairness in a Scale free network through the play of the Ultimatum game.

**Question Classification (NLP)**  
**Tool: Python, scikit-learn, panda, NumPy**

2020

Project in NLP where we created a model to classify the sentences.