

# YU CHENG



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## PROFESSIONAL SUMMARY

Recent master graduate.  
Passionate at programming and solving problems using IT technologies. Seeking for a position as a junior software engineer/developer.

## EDUCATION

- **MSC - Computer science and information engineering** Nov 2021  
Instituto Superior Técnico of University of Lisbon, Lisbon, Portugal  
Ending 18/20 in the master dissertation.
- **BSC - Computer science and information engineering** Jul 2019  
Faculty of Science of University of Lisbon, Lisbon, Portugal
- **High school** Jul 2016  
Colégio Vasco da Gama, Lisbon, Portugal

## SKILL

- Modern programming languages (e.g., Java, Python, C, Javascript)
- Database (MySQL, MongoDB) and data integration (Pentaho)
- Control Version Software (Git)
- Software Testing and Validation
- Front-end and Back-end development (React, Angular, Node.js, JavaEE and Spring)
- Linux and GNU commands
- Ability to quickly learn new technologies

## ACADEMIC/PERSONAL PROJECT

- **Data Analysis and Integration**  
Creation of data warehouse that can be used to data analysis and reporting.  
Technologies used: Pentaho softwares
- **3D programming**  
Development of a simple 3D game using Unity 3D  
Technologies used: Unity 3D, C#
- **Enterprise application development**  
Development of an enterprise application for client to make request, managers to handle requests and store information in MySQL using JDBC  
Technologies used: JavaEE, MySQL

## LANGUAGE

- Chinese ●●●●●●
- English ●●●●●●
- Italian ●●●●●●
- Portugues ●●●●●●

## EXPERIENCE

**INTERN ENGINEER** Sep 2020 - Nov 2021  
INESC-ID, Lisbon, Portugal  
Implementation of dedicated algorithms to surpass bottleneck efficiency.  
Integrated algorithms into existing library/software.  
Developed automated tests to ensure the correctness of the algorithms.  
Provided written reports that ease the continued improvement of the work.  
Technologies used: Java, Python, Docker, Maven, Git.

## TRAITS

- Reliable
- Cooperative
- Proactive
- Responsible

## HOBBIES

- Programming
- Biking
- Travel
- Skiing
- Chess
- Music