

# Ayoub Benaissa

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## Education

- 10.2017 – Current    **Master Computer Science, University of Passau, Germany**  
Doppelmaster (doppel-abschluss) with Higher School of Telecommunications of Tunisia SUP'COM with DAAD scholarship award  
**Major:** Computer Science
- 09.2015 – Current    **Engineering studies, Higher engineering School of Communication of Tunis SUP'COM, Tunisia**  
ICT engineering studies in one of Tunisia's best high schools.  
**Major:** Information and Telecommunication
- 09.2013 – 06.2015    **Preparatory Classes, IPEIT, Tunisia**  
Preparatory Institute for engineering studies of Tunisia IPEIT, National Contest for admission to engineering schools (**rank 82/1826**).  
**Major:** Mathematics, Physics and Technical Sciences of Engineer

## Academic Projects

- 10.2019 – 06.2020    **Master Thesis Project, University of Passau, Germany:** introduction of a web-based framework to configure, train and evaluate complex neural networks known as Generative Adversarial Networks.  
**Technologies:** PyTorch, Flask, Python, VueJs/JavaScript
- 04.2019 – 09.2019    **Data Science Lab, University of Passau, Germany:** Practical sessions in Machine Learning + Project for tweet annotation. (Master note: 2.3)  
**Technologies:** Machine learning, Natural Language Processing (NLP)
- 11.2017 – 03.2018    **Text Mining Project, University of Passau, Germany:** Development of an intelligent software to identify and classify sections in legal document using **Python**, NLP and machine learning algorithms. (Master note: 1.3)  
**Technologies:** Machine learning, Natural Language Processing (NLP)

## Professional Experience

- 07.2019 – Current    **Working Student, ONELOGIC GmbH, Germany:** Contributing in maintaining and improving Front-End part of a datascience platform.  
**Technologies:** AngularJs, JavaScript, HTML, SCSS, Jenkins, Git

## Professional Experience (continued)

- 12.2018 – 04.2019    **Working Student, HelionMedia GmbH, Germany:** Building a website for hotel management using modern web technologies  
**Technologies:** MERN stack, Typescript, Redux, HTML, CSS/SCSS, Git

## Web Technologies

- Good understanding of modern Web technologies (Single Page Applications)
- Good understanding of APIs (REST, GraphQL...)
- Learning via a combination of professional experience, online courses (Coursera and UdeMy) and personal projects
- Using JavaScript since almost two years: for developing professional and personal websites

## Skills

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|-------------------|---|
| Coding            | Python, JavaScript, AngularJs, VueJs, ReactJs, NodeJs, C/C + +  |
| Databases         | SQLServer, MySQL, MongoDB, FireBase   |
| Operating Systems | Linux(Ubuntu), Windows  |
| Languages         | Arabic Mother Tongue<br>French Business fluent (bilingual)<br>English Business fluent(895/995 TOEIC test)<br>German Upper intermediate (B1 classes) |

## Miscellaneous Experience

### Extracurricular Activities

- 09.2015 – 06.2017    member of english debate club **YAV** (Young Arab Voices).
- 09.2015 – 02.2016    Associative project **PACTE**: Working on helping hospitalised children.

### Certifications and Awards

- 2018 – 2019    **deeplearning.ai** Structuring Machine Learning Projects
- deeplearning.ai** Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- 2017 – 2018    **DAAD scholarship** as a doppelmaster international student.

## Hobbies and Center of Interest

Ping-Pong (intermediate), Football (Side Midfielder), Chess (intermediate)



Ayoub Benaissa, 26.06.2020, Passau, Germany