

# Abdullah Saei

M.Sc. Communications Engineer


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## Experience

### Work student Technical Support

2CP GmbH - TeamEscape Hamburg and Stuttgart

 Oct 2018 - Present  Hamburg, DE

- C/C++ embedded programming
- Full stack web development with Flask
- Python and Qt5 GUI development
- Bash scripting
- IT and networks support

### Research Assistant (HiWi)

ComNets Institute, Hamburg University of Technology (TUHH)

 Feb 2018 - Dec 2018  Hamburg, DE

- C/C++ Embedded development for Wireless Networks
- Matlab data analysis and data visualization
- Research and Implementation of TSCH Protocol
- Scripting to automate testbeds

### Professional Services Engineer


Universal Advanced Solutions

 Dec 2017 - Sept 2018  Cairo, EG

- Telecom technical support
- Maintenance and Services for customers

## Internships

### Trainings

Dec 2016 Android Development MAL  
Google/MCIT  Smart Village, EG

May 2017 Fusion Splicers Service Maintenance Level I, II, III  
SUMITOMO Electric Europe Ltd  Dubai, UAE

### Courses

 Date	 Title
Mar 2020	Erasmus+ EPIC Program
Jun 2016	Embedded Systems Diploma
Jan 2016	CCNA Networking
Jul 2012	Communication Skills and Human Development

## Education

Msc. in Information and  
Communication Systems

Hamburg University of Technology (TUHH)

 Oct 2017 - Jul 2021  Hamburg, DE

GPA: 2,24 - Good -

#### Projects:

- Energy Optimization in 5G gNB

#### Thesis:

- Title : Network Coding - Smart Grid
- Grade: Expected Aug 2021

Bsc. in Electronics and  
Communications Engineering

Misr International University (MIU)

 Sep 2011 - Jul 2016  Cairo, EG

GPA: 1.7 - Distinction -

#### Projects:

- CMOS and VLSI design.

#### Graduation Project:

- Title : D2D Communication in 5G
- Grade: Excellent

## Programming Skills

Matlab  
Python  
C & C++  
Git & SVN  
Latex



## Interests

Software Hardware Simulations  
Networks Data analysis  
Bash scripting Regex WSN  
PCB design Linux Android studio  
Embedded systems

## Languages

Arabic, Mother tongue  
English, C1 Advanced  
German, B1 Intermediate

