

Tauseef Hussain

AI engineer, Leuven, Belgium

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EDUCATION

ADVANCED MASTER OF ARTIFICIAL INTELLIGENCE

KATHOLIEKE UNIVERSITEIT
Sep 2017 | Leuven, Belgium
64.72/100

BACHELOR OF TECHNOLOGY

2006 | Electronics and Communication
| NIT Calicut, Kerala, India
Cum. GPA: 8.07 / 10
With Distinction

LINKS

Github:// [curiousTauseef](#)
LinkedIn:// [tauseefhussainindia](#)

COURSEWORK

GRADUATE

Fundamentals of AI
Cognitive Science
Natural Language Processing
Speech Recognition
Brain Computer Interfaces
Web Information Systems
Basic Java Programming

UNDERGRADUATE

Digital Electronics
C Programming
Digital Signal Processing
Analog and Digital Communication

SKILLS

PROGRAMMING

10000 lines:
Java • Shell • JavaScript • CSS • Matlab
• Python • \LaTeX
20000 lines:
C • C++ • Assembly
Tools:
Bugzilla • Git • MySQL

WORK EXPERIENCE

MELEXIS SEMICONDUCTORS | SOFTWARE ENGINEER | FEB 2018 - PRESENT

- Develop programs in C, Matlab, Python to support the ToF sensors.

NXP SOFTWARE | STUDENT INTERN | MAY 2016 - DEC 2016

- Developed Python scripts to implement Deep Neural Network using Keras libraries for performing echo suppression on speech data with low speech-to-echo ratios.

TIFR | JUNIOR RESEARCH FELLOW/ PROJECT ASSISTANT | MUMBAI, INDIA

- Worked on a speech recognition project that implements a voice interface retrieval using advanced speech recognition. Developed scripts to train and test large vocabulary continuous sentences with CMU Sphinx toolbox.

GENNUM CORPORATION INDIA LTD.(NOW SEMTECH) | DIGITAL DESIGN ENGINEER | BHUBANESWAR, INDIA

- Verified PCIe Express and USB 3.0 controller core IP designs.

ARICENT | SOFTWARE ENGINEER | CHENNAI, INDIA

- Developed code to implement features for networking protocols.

RESEARCH/ACADEMIC PROJECTS

JAVA PROGRAMMING PROJECT | KU LEUVEN

Sep 2015 – Jan 2016

Designed and implemented a two-threaded "world simulation" GUI application using basic OOP concepts of Java on Eclipse IDE. The project populated entities on a grid and simulated real time flow.

DATING WEBSITE PROJECT | KU LEUVEN

Jan 2016 – Apr 2016

1. Designed and implemented front-end website for dating called "Mingly", using WebStorm IDE {Bootstrap 3, HTML5, JavaScript, CSS}.

ACADEMIC PAPERS | TIFR

Jun 2011

"ASR scheme over schemes for transliteration and label set purposes" co-authored with Dr. Samudravijaya K at Annual Conference of Dravidian Linguists, Patiala, Punjab, India.

LANGUAGES KNOWN

English: Fluent in Reading, Writing, Speaking
Hindi: Fluent in Reading, Writing, Speaking
Urdu: Fluent in Reading, Writing, Speaking
Oriya: Fluent in Reading, Writing, Speaking
Hebrew : Basic conversational knowledge