

Davide Di Matteo

DATA SCIENCE AND ENGINEERING STUDENT

☎ (+39) 392-8117757 | ✉ davidee.dima@gmail.com | 🌐 davide-dimatteo

"In life, there is only succeeding or learning."

Education

Royal Institute of Technology - KTH

Stockholm, Sweden

DOUBLE DEGREE MSC IN DATA SCIENCE AND ENGINEERING - EXIT YEAR

Aug. 2018 - Expected Aug. 2020

- Specialization: **Distributed Systems & Data Mining for Big Data**
- Courses in Data Intensive Computing, Distributed Systems, Scalable Machine Learning
- GPA: 9/10

Eindhoven University of Technology - TU/e

Eindhoven, The Netherlands

DOUBLE DEGREE MSC IN DATA SCIENCE AND ENGINEERING - ENTRY YEAR

Aug. 2018 - Jul. 2020

- Courses in Data Mining, Data Engineering, Advanced Algorithms, Data Visualisation, Process Mining, Applied Statistics, Machine Learning
- GPA: 8/10

Graz University of Technology - TUG

Graz, Austria

BACHELOR IN COMPUTER SCIENCE - EXCHANGE YEAR

Sep. 2016 - Jul. 2017

- Courses in Computer Networks, Data Science, Information Security, Information Theory, Software Engineering & Architecture, Web Technology

University of Trieste

Trieste, Italy

BACHELOR IN COMPUTER ENGINEERING

Sep. 2013 - Sep. 2017

- Courses in Calculus, Algebra, Statistics, Algorithms, Data Structure, C & Java Programming, Databases, Operating Systems, Electronics, Control System and Circuit Design
- GPA: 24/30
- Winner of Exchange Scholarship 2017

Scientific Gymnasium Duca degli Abruzzi - PNI (Computer Science)

Gorizia, Italy

COURSES IN MATHEMATICS, COMPUTER SCIENCE, PHYSICS, CHEMISTRY, ASTRONOMY, TECHNICAL DRAWING, LATIN, PHILOSOPHY

Sep. 2008 - July 2013

- Winner of 1 year Scholarship for Best App between High Schools (class project) in 2012: First Place
- Winner of 1 year Scholarship for Mathematics Contest in 2011: Third Place

Work Experience

Electrolux

Stockholm, Sweden

DATA SCIENCE AND ENGINEERING - FULL TIME

Jan. 2020 - Present

- Deployment of the Elastic Stack on the cluster
- Creation of a pipeline to ship IoT-log-data from the Databricks File System and index it into Elasticsearch via Logstash for ETL
- Creation of Anomaly Detection models in Spark using Scala/Pyspark for IoT-log-data and compare them with the Anomaly Detection tool of Elasticsearch
- Technologies: Elasticsearch, Logstash, Kibana, Filebeats, Spark, Scala, PySpark, Bash Scripting

Department of Electrical Engineering and Computer Science - KTH

Stockholm, Sweden

TEACHING ASSISTANT FOR INTERACTION PROGRAMMING AND THE DYNAMIC WEB - PART TIME

Oct. 2019 - Jan. 2020

- Responsible of the LABs for a Bachelor course in Dynamic Web Programming
- Preparing and editing the course material in coordination with the professor
- Assisting, coordinating and assessing laboratories and coding projects
- Technologies: JavaScript, DOM APIs, HTML5, CSS3, MVC, Redux, React

NXP Semiconductors

SOFTWARE DEVELOPER - FULL TIME INTERNSHIP

Gratkorn, Austria

Apr. 2018 - Aug. 2018

- Developing a GUI application which enable hardware testers to generate configuration files easily
- The scope is to generate configuration files for an on-chip oscilloscope
- Design, Implementation, Testing, Building
- Technologies: Java, JavaFX, MySQL

Noise Reduction Device for Open Space Offices

TECHNICAL LEAD - PART TIME

Eindhoven, the Netherlands

Feb. 2018 - Jul. 2018

- Creation of a device to impact the behavioural aspect of noise in open space offices
- Ideation, Business Model, Market Research
- Design, Prototype, Testing using Arduino
- Validation in a real working environment in Eindhoven for 2 months

Institute of Applied Information Processing and Communications, TUG

MAN IN THE MIDDLE PROXY IMPLEMENTATION - PART TIME

Graz, Austria

Mar. 2017 - June 2017

- HTTP and HTTPS Proxy implemented in Java, equipped with Plugins
- Reading data from the client and sending data to the web servers and the other way round
- Chunked encoding, Dumping Header/Cookies
- Developed in Java

Skills

COMPUTER SCIENCE & MATHEMATICS

- Proficient in Java, Python, Scala, JavaScript, Bash Scripting
- Familiar with C, C++, Ruby, Apache Spark, Apache Kafka, Elastic Stack, Hadoop, Matlab, MySQL, NoSQL, Docker
- Experience with Data Mining, Data Engineering, Data Analysis, Machine Learning, Anomaly Detection, System Administration and Distributed Programming Techniques
- Very Good Knowledge of Algebra, Calculus, Geometry, Physics and Electronics
- Good understanding of principles, theories and practices of Computer Networks, Databases, Information Security and Cryptography, Web Technologies and Development, Unix Architectures

LANGUAGES

- ENGLISH: fluent in reading and writing, very good in speaking (C1+ level)
- ITALIAN: mother tongue
- GERMAN: intermediate in reading and writing, beginner in speaking
- SPANISH: intermediate in reading and speaking, beginner in writing

OTHER SKILLS AND HOBBIES

- Strong team-working aptitude
- Excellent Information Retrieval Skill
- Very passionate in Robotics and Game Design
- Basketball player at competitive level for several years
- Excellent knowledge of the Video Game Industry
- Fascinated by internal Design

Extracurricular Activity

EIT Digital Master School - EIT

STUDENT AMBASSADOR

European Union

Oct. 2019 - Present

- Holding a volunteer role as student ambassador
- Giving counsel to future international EIT Data Science Master students
- Advising prospecting students about the courses of different tracks and Universities
- Providing students with logistical and practical information