

Davide Di Matteo

DATA SCIENCE AND ENGINEERING STUDENT

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

Education

EIT Digital Master School - EIT

DOUBLE DEGREE MSc IN DATA SCIENCE AND ENGINEERING WITH A MINOR IN INNOVATION AND ENTREPRENEURSHIP

Eindhoven TU/e - Stockholm KTH

Sep. 2018 - Expected Aug. 2020

- Courses in Entrepreneurship, Innovation Science, Marketing

Royal Institute of Technology - KTH

DOUBLE DEGREE MSc IN DATA SCIENCE AND ENGINEERING - EXIT YEAR

Stockholm, Sweden

Aug. 2019 - 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

DOUBLE DEGREE MSc IN DATA SCIENCE AND ENGINEERING - ENTRY YEAR

Eindhoven, The Netherlands

Aug. 2018 - Jul. 2019

- Courses in Data Mining, Data Engineering, Data Visualisation, Visual Computing, Process Mining, Applied Statistics
- GPA: 8/10

Graz University of Technology - TUG

BACHELOR IN COMPUTER SCIENCE - EXCHANGE YEAR

Graz, Austria

Sep. 2016 - Jul. 2017

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

University of Trieste

BACHELOR IN ELECTRONICS AND COMPUTER ENGINEERING

Trieste, Italy

Sep. 2013 - Sep. 2017

- GPA: 24/30
- Winner of Exchange Scholarship 2017

Scientific Gymnasium Duca degli Abruzzi - PNI (Computer Science)

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

Gorizia, Italy

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 and Projects

Electrolux

DATA SCIENCE AND ENGINEERING INTERNSHIP - MASTER THESIS

Stockholm, Sweden

Jan 2020 - Present

- Log Analytics on server data
- Setting up the Elastic Stack on a cluster
- Collecting, Processing, Ingesting and perform Anomaly Detection on server logs
- Elasticsearch, Logstash, Kibana, Filebeats, Spark, Scala, Unix environment

Royal University of Technology - KTH

TEACHING ASSISTANT FOR INTERACTION PROGRAMMING AND THE DYNAMIC WEB

Stockholm, Sweden

Oct. 2019 - Present

- Department of Electrical Engineering and Computer Science
- Responsible of the LABs for a Bachelor course in Web Programming
- Assisting and coordinating laboratories and coding projects
- JavaScript, DOM APIs, HTML5, CSS3, MVC

NXP Semiconductors

SOFTWARE DEVELOPER INTERNSHIP

- Developing a GUI application for internal use from scratch
- The app's main scope is to generate config. files used to run tests on an on-chip scope
- Design, Implementation, Testing, Building
- Java, JavaFX, MySQL

Gratkorn, Austria

May 2018 - Aug. 2018

EIT Digital Master School - EIT

STUDENT AMBASSADOR

- 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

European Union

Oct. 2019 - Present

Innovation Space Project - TU/e

NOISE REDUCTION DEVICE FOR OPEN SPACE OFFICES

- 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 office

Eindhoven, the Netherlands

Feb. 2018 - Jul. 2018

Institute of Applied Information Processing and Communications, TUG

MAN IN THE MIDDLE PROXY IMPLEMENTATION

- 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

Graz, Austria

Mar. 2017 - June 2017

Skills

COMPUTER SCIENCE

- Proficient in Java, Python, JavaScript, Unix Environments
- Familiar with C, C++, Scala, 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
- 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