

Benedek Pásztor

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in LinkedIn

LANGUAGES

ENGLISH

FULL PROFESSIONAL (C2)

SPANISH

FULL PROFESSIONAL (C1)

FRENCH

BEGINNER (A2)

HUNGARIAN

NATIVE (C2)

SKILLS

PROGRAMMING LANGUAGES

- PYTHON
- R
- SQL
- VISUAL BASIC

TECHNOLOGIES

- R STUDIO
- ANACONDA
- JUPYTER NOTEBOOK
- GIT
- APACHE SPARK
- DATABRICKS
- AMAZON WEB SERVICES (AWS)
- MICROSOFT POWER BI
- TABLEAU
- WONDERWARE INTOUCH MACHINE EDITION
- MATLAB
- MICROSOFT OFFICE WORD, EXCEL, ACCESS, POWER POINT, VISIO
- OPENLCA
- AUTOCAD
- LATEX
- PREZI
- ADOBE PHOTOSHOP, PREMIERE PRO

PROFESSIONAL EXPERIENCE

UTOPUS INSIGHTS | DATA SCIENTIST IN MULTINATIONAL ENVIRONMENT

November 2019 – present | Budapest, Hungary

- Partnered with Vestas | Power forecasting for solar and wind power plants | Worldwide clients from 4 continents
- Significant accuracy improvement in the ML engine for solar day-ahead production
- Architecture design and development from the Solar Intraday Data Science Engine

E.ON | DATA SCIENTIST IN MULTINATIONAL ENVIRONMENT

November 2018 – July 2019 | Budapest, Hungary

- Building up a Business Intelligence (BI) system with Power BI, SQL, and R
- **My work on predictive modeling improved the achieved day-ahead bonus on renewable power production from the local TSO by 25%**
- Comfortable presenting in front of 30+ people

CATALONIAN INSTITUTE FOR ENERGY RESEARCH | RESEARCH ENGINEER

INTERN IN INTERNATIONAL RESEARCH ENVIRONMENT

January 2018 – July 2018 | Barcelona, Spain

- Master Thesis development on a laboratory microgrid | **Defended with Honors**
- SCADA development with Schneider Electric Wonderware Inotuch Machine Edition
- Emulational and simulational experiments utilizing Visual Basic, Matlab and SQL

ACCENTA | ENERGY DATA ANALYST INTERN IN STARTUP ENVIRONMENT

April 2017 – June 2017 | Paris, France

- Life Cycle Assessment (LCA) of Borehole Thermal Energy Storage
- **High honors** from the Company and from École Polytechnique

MANNVIT | ENERGY ENGINEER INTERN IN MULTINATIONAL ENVIRONMENT

July 2015 – June 2016 | Budapest, Hungary

- Various modeling and engineering tasks on different geothermal projects

EDUCATION

CENTRAL EUROPEAN UNIVERSITY | MASTER OF SCIENCE IN BUSINESS ANALYTICS

September 2018 – July 2019 | Budapest, Hungary

GPA: 3.88 / 4.0

- Focus: Data Science, Machine Learning, Data Engineering, Agile Methodologies
- Capstone Project Topic: Day-ahead prediction of photovoltaic power plant production (Company: E.ON) - **Best Capstone Project Award**

DOUBLE MASTER DEGREE IN RENEWABLE ENERGY | EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT), INNOENERGY MASTER PROGRAM

UNIVERSITAT POLITÈCNICA DE CATALUNYA | MASTER OF SCIENCE IN ENERGY ENGINEERING

September 2017 – July 2018 | Barcelona, Spain

GPA: 9.61 / 10.0

- Focus: Digital Transformation in the Energy Sector, Integration of Renewable Energies
- Thesis: Design and implementation of a supervisory control and data acquisition system (SCADA) for a microgrid laboratory (Company: Catalanian Institute for Energy Research) - **Received high honors**

ÉCOLE POLYTECHNIQUE, PARIS-SACLAY | ENERGY ENVIRONMENT: SCIENCE TECHNOLOGY AND MANAGEMENT

September 2016 – July 2017 | Paris, France

GPA: 3.89 / 4.0

- Focus: Energy Industry Value Chain, Renewable Energy Technologies

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ASSOCIATIONS

COMMUNITY BY INNOENERGY

Volunteer since 2016
International network in the energy sector

EIT ALUMNI

International network on sustainable development

DATA MEETUPS

PERSONAL

DRIVING LICENSE

HOBBIES

Music: ukulele, piano
Sport: volleyball, skiing
Outdoors: hiking, canoeing
Others: chess, philosophy

PERSONALITY

Problem solver
Precise
Eager to learn
Positive Team Player
Reflective

EDUCATION CONT.

BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS |

BACHELOR OF SCIENCE IN ENERGY ENGINEERING

September 2012 – January 2016 | Budapest, Hungary

GPA: 4.51 / 5.0

- Focus: Engineering Foundations, Thermal Engineering, Fluid Mechanics
- Thesis: Investigation and market research of the innovation of Crank Wing Wind Turbine
Academic honor and award from the Dean of the Faculty and from the Student Association (November 2015)

ADDITIONAL TRAININGS

EIT CLIMATE-KIC JOURNEY | INTENSIVE SUMMER UNIVERSITY ON SUSTAINABLE DEVELOPMENT AND BUSINESSES

August 2019 | Dublin-Timișoara, Ireland-Romania

- Month-long intensive course focusing on sustainable business development, circular economy and systems thinking

ESADE BUSINESS SCHOOL, BARCELONA | INTENSIVE SUMMER UNIVERSITY ON ENTREPRENEURSHIP AND MANAGEMENT

June 2017 - July 2017 | Barcelona, Spain

- 6 weeks-long course on entrepreneurship and new business creation
- Focus on Finance, Agile Methodologies and on Marketing

CATÓLICA LISBON SCHOOL OF BUSINESS AND ECONOMICS | INTENSIVE ENTREPRENEURSHIP COURSE

September 2016 | Lisbon, Portugal

- One-week long course on how to pitch an innovative business idea

SAINT IGNATIUS JESUIT COLLEGE OF EXCELLENCE | COLLEGE STUDENT

September 2015 – June 2019 | Budapest, Hungary

- Extracurricular courses: International Relations, Economics, Debate Culture etc.
- **Elected Vice President of the Student Delegation** (2016)
- Chief organizer of the College Symposium with over 200 participants (April 2016)

OTHER RELEVANT EXPERIENCE AND COMPETITIONS

2ND PLACE AT THE DATA SCIENCE HACKATHLON OF I-COM & WARNER BROS. 2019, Málaga, Spain

Gained skills: predictive modeling, data science, international competition

WINNER OF EWF CHALLENGE AT THE EUROPEAN UTILITY WEEK 2018, Vienna, Austria

Gained skills: digital transformation, blockchain applications, pitching skills

WINNER OF THE EIT STARTUP DAYS 2018, Barcelona, Spain

Gained skills: business model development, innovative attitude

WINNER OF THE SIMULATION OF THE HUNGARIAN PARLIAMENT 2016, Budapest, Hungary

Gained skills: negotiation, teamwork, debate culture

PARTICIPANT OF THE ERASMUS+ YOUTH EXCHANGE "GYMJAM" 2015, Hungary

Gained skills: Spanish proficiency, intercultural communication

VOLUNTEER AT 72 HOURS WITHOUT COMPROMISE 2014, Prague, Czechia

Gained skills: teamwork, social entrepreneurship

COUNSELOR AT CAMP ANDROSCOGGIN 2013 & 2014, United States

Gained skills: English proficiency, leadership, responsibility

SUMMER SCHOOL AT UNIVERSITY OF REGINA 2011, Regina, Canada

Gained skills: English proficiency, open mindedness