

Benedek Pásztor

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in LinkedIn

☎ 00 36 20 4066 099

LANGUAGES

ENGLISH

FULL PROFESSIONAL (C2)

SPANISH

FULL PROFESSIONAL (C1)

FRENCH

BEGINNER (A2)

HUNGARIAN

NATIVE (C2)

SKILLS

PROGRAMMING LANGUAGES

- PYTHON
- R
- SQL
- VISUAL BASIC

TECHNOLOGIES

IDEs:

PYCHARM, JUPYTER
ENVIRONMENT, RSTUDIO

Python libraries:

PANDAS, NUMPY, SKLEARN,
TENSORFLOW, KERAS,
LIBROSA ETC.

R libraries:

DPLYR, SHINY, GGLOT2,
CARET, GLMNET, ETC.

Big Data:

APACHE SPARK, PYSPARK,
DATABRICKS

Cloud Services:

AWS, GOOGLE CLOUD

Dashboarding:

TABLEAU, MICROSOFT
POWER BI, R SHINY

SCADA development:

WONDERWARE INTOUCH
MACHINE EDITION

Other:

GIT, ANACONDA, MATLAB,
OFFICE PRODUCTS, PREZI

PROFESSIONAL EXPERIENCE

UTOPIUS INSIGHTS | DATA SCIENTIST & SENIOR DATA SCIENTIST

October 2019 – present | Remote work for New York, USA

- Partnered with Vestas | Power forecasting for solar and wind power plants
- **Architectural design, development, and operations support** of the deterministic and probabilistic power production forecasting and the wind icing forecasting engine
- Work under the Spotify agile methodology
- Presentations in front of 40+ people, including C-suite

CENTRAL EUROPEAN UNIVERSITY | TEACHING ASSISTANT OF DATA SCIENCE

January 2021 – present | Vienna, Austria

- Educational dashboard development in R Shiny, leading classes for 30+ MBA students

E.ON | DATA SCIENTIST

October 2018 – July 2019 | Budapest, Hungary

- Architecture and development of a Business Intelligence system with Power BI, SQL and R
- **Improved the achieved day-ahead bonus on renewable power production from the local TSO by 25%**
- Numerous presentations in front of 40+ people, mentoring new colleagues

CATALONIAN INSTITUTE FOR ENERGY RESEARCH | RESEARCH ENGINEER

January 2018 – July 2018 | Barcelona, Spain

- Development of a SCADA system on a microgrid (Schneider Electric Wonderware)
- Experience with Schneider Electric Wonderware, Visual Basic, Matlab and SQL

ACCENTA | ENERGY DATA ANALYST INTERN

April 2017 – June 2017 | Paris, France

- Life Cycle Assessment of Borehole Thermal Energy Storage (received high honors)

MANNVIT | ENERGY ENGINEER INTERN

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 - **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 CONFERENCES

Numerous online and offline conferences, meetups

PERSONAL

DRIVING LICENSE

HOBBIES

Music: piano, ukulele
Sport: surfing, volleyball, yoga
Outdoors: hiking, canoeing
Others: chess, psychology

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 and from the Student Association

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 Design Thinking, Finance, Agile Methodologies and 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

BUILT A MARKET-BEATING ALGOTRADING BOT - PERSONAL PROJECT

2021-present

Gained skills: algorithmic trading, online teamwork, realtime data treatment

FINALIST (TOP 3%, 18/787) OF THE HACKATHON FOR SUSTAINABLE ENERGY

2021

Gained skills: image processing, realtime data treatment, online teamwork | by Shell.ai and NVIDIA

5TH PLACE (OUT OF 55) AT THE POD DATA SCIENCE COMPETITION

2021, United Kingdom

Gained skills: online teamwork, modeling of complex energy systems | by Western Power Distribution

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

VOLUNTEER AT 72 HOURS WITHOUT COMPROMISE

2014, Prague, Czechia

Gained skills: teamwork, social entrepreneurship | European program for volunteering

COUNSELOR AT CAMP ANDROSCOGGIN

2013 & 2014, United States

Gained skills: English proficiency, leadership, responsibility | lifeguard and volleyball coach