

# 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

# Benedek Pásztor

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in LinkedIn

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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