

**Adél Vári-Kakas**  
**Geography with Social Data Science Student**

 [vkadel53@gmail.com](mailto:vkadel53@gmail.com)  London, UK / Budapest, HU  +36202578354  [LinkedIn/Adél Vári-Kakas](#) | Hungarian (native) English (C1) German (B1)

## Education

**University College London** - Geography with Social Data Science BA

|London, 2024 - Present|

**Fazekas Mihály Secondary Grammar School of Budapest** - Natural Sciences and Mathematics

|Budapest, 2017 - 2023|

*Leading high school in Hungary, outstanding natural sciences and mathematics education - Higher Mathematics/Higher English*

*Language/Geography/History/Hungarian Grammar and Literature - 5/5\*/5/5/5 (grading from 1 to 5)*

## Field-related activities, education, and awards

### **Coastal and saltmarsh monitoring**

*Monitoring saltmarsh in Waldringfield, and coastal changes with Deben Marine Centre at Bawdsey*

|2025|

### **Highlighted University Projects and Connected Skills**

- Monitoring air pollution in London by fieldwork and analysis in **R/RStudio**
- Monitoring accessibility for wheelchair users and the visually impaired in Barcelona by fieldwork and analysis in **ArcGIS Map** and **ArcGIS Story Map**
- Measuring inequality using Lorenz Curve and Gini Coefficient in **Python**
- Mapping and analyzing crime patterns in London by **QGIS**
- Analyzing the British colonization of India through exhibitions of the British Museum, interpreted in video format using **DaVinci Resolve**
- Studying inequality in London's thrifting scene by a blog created in **Wix**
- Studying bathymetric and sediment characteristics of the lakes in Mallorca within S'Albufereta Nature Reserve by fieldwork and analysis in **QGIS** and **MatLab**

### **Pannónia National Excellence Scholarship**

*Scholarship for 20 students annually at top universities, recognizing academic excellence, volunteering, and Hungarian community engagement*

|2024 - Present|

### **Model United Nations (MUN)**

Participation in weekly MUN sessions, modeling up-to-date topics. Five international conferences as a delegate, debating and creating resolutions; winning four of them. One international conference as a chairperson, moderating the debates and allocating awards.

- Western Balkans MUN International Conference 2024 - **Best Delegate Award** (*UNHCR - Tackling the flaws in mixed migrations*)
- Konstanz LakeMUN International Conference 2024 - **Best Delegate Award** (*UNHCR - Addressing the increasing risk of mass climate migration*)
- Göttingen MUN International Conference 2023 - **Delegate** (*DISEC - Nuclear disarmament in Southeast Asia based on the Treaty on the Southeast Asia Nuclear-Weapon-Free Zone (Bangkok Treaty)*)
- Krakow JagiMUN International Conference 2024 - **Best Delegate Award** (*ECOSOC - Debt relief and financial stability of african countries*)
- Budapest MUN International Conference 2023 - **Chair** (*CSW - Improving women's rights with special emphasis on the Iranian crisis*)
- Budapest MUN International Conference 2022 - **Best Delegate Award** (*UNEP - Adopting measures to promote sustainable transportation technologies and practices*)

### **Milestone Institute**

- The Earth System
- Data Science
- Modern Physics

*Selective academic institute, offering weekly modules, private mentoring sessions, and workshops, promoting interactive approach*

|Budapest, 2021 - 2023|

### **Lajos Pósa Mathematics Camps**

*Selective higher mathematics program promoting discovery approach and collaborative learning*

|Budapest, 2019 - 2023|

### **Yale Young Global Scholars** - Innovations in Science and Technology

*Selective academic summer program by Yale University, including lectures and small group tutorials led by Yale Professors and PhD Students*

|2022|

### **Carpathian-Basin FOCIK Geography and Geology Competition**

*2nd placed project, focusing on the overpopulation and the sustainable development potential of Budapest, 8th place overall*

|2022|

## Leadership, volunteering, and event organizing

### **University College London Hungarian Society** - Welfare Officer

|2025 - Present|

*Promoting wellbeing and inclusivity by fostering a supportive environment, ensuring accessibility, and connecting members with support services*

### **University College London Handball Club** - President

|2025 - Present|

*Leading a club of 50 members, communicating with the Students' Union, overseeing funding, booking facilities, outlining schedules and events*

### **Mathematics Connects Us Association** - Teacher, organizer, volunteer

|2022 - Present|

*Teaching math to primary and high school students, organizing math camps and competitions, leading and creating camp activities*

### **Hungarian Women in Science Association** - Ambassador

|2022 - Present|

*Volunteering at STEM-related events for women, creative content to promote STEM for women*

### **Fazekas Student Council** - Head of Student Life and Media

|2021 - 2023|

*Creating events and charities, operating social media platforms, designing posters in **Adobe Illustrator** and **Canva**, representing student interests and enabling communication between students and teachers*

### **Milestone Mathematics Society** - Vice President

|2022 - 2023|

*Organizing weekly mathematics-related sessions (problem-solving, social and educational sessions, occasional guest speakers)*

### **Fazekas+Festival** - Leader

|2019 - 2022|

*A 3-day event with 200 renowned speakers for high school students. Duties including inviting speakers, conducting interviews, leading the selection process, coordinating 12 organizers and 40-50 volunteers, creating designs, and managing the event.*

## Employment history

### **University College London** - Transition Mentor

|London, 08/2025 - 12/2025|

*Facilitating weekly group meetings for first-year students on academics and university life, requiring communication and organizational skills*

### **Voice Creek Entertainment** - Series Extra

|Budapest, Fót, 03/2024 - 07/2024|

*Part-time job in an Austrian period television series, requiring adaptability, teamwork, and physical stamina*

### **Arquitecto Pitpit** - Waiter

|Budapest, 03/2024 - 09/2024|

*Part-time job in a Spanish restaurant, requiring communication and customer service skills, teamwork, and attention to detail*

## Non-field-related education

### **Music School of Józsefváros** - Piano

|2011 - 2023|

*Weekly classical and jazz piano classes, annual concerts, achievement of final exam with a **final grade of 5 (grading from 1 to 5)***

### **Talented Youth Workshop Association** - Drama

|2023|

*Weekly acting classes, creative and improvisation sessions*

### **Budapest University of Technology and Economics**

|2023|

- Introduction to Architecture
- Space and Composition
- Philosophy and Art
- The Beginning of Architecture

### **Milestone Institute** - Cinematography

|2022|

*Weekly small group tutorials and 120-second short video projects, 10-minute final video project (software: **DaVinci Resolve, CapCut**)*

## Hobbies

- Tennis - (15 years, club-level)

- Script writing - (software: **WriterDuet**)

- Handball - (UCL Handball, competing in British Universities and Colleges Sports)

- Javelin throwing - (Thames Valley Harriers)

- Sports photography