

Kristóf Havasréti

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Education

Óbuda University – PhD in Materials Science	2025 –
Óbuda University – BSc in Mechanical Engineering (unfinished)	2022 – 2023
Eötvös Loránd University – MSc in Pure Mathematics, thesis: Numerical Ranges of Operators	2016 – 2019
Eötvös Loránd University – BSc in Applied Mathematics	2011 – 2015

Work Experience

CNC Laser Cutter Operator , Intertechnika Kft. – Budapest, Hungary	2024 – 2025
- Operated Trumpf laser cutting machines in a sheet metal fabrication shop (two shifts) - Moved sheet metal and parts either manually, with forklift, or with overhead crane - Administered the production process in ERP software - Performed weekly maintenance on the machines - Occasionally operated a 3-axis CNC milling machine	
Machine Shop Assistant , Óbuda University, Department of Manufacturing Technology – Budapest, Hungary	2023
- Prepared lathes and mills for university shop classes; maintained the machine tools - Cut to length, turned, and faced stock material for in-house CNC jobs - Milled and turned specimens for material testing	
Model Validation Analyst , MSCI Inc – Budapest, Hungary	2020 – 2022
- Tested financial derivatives pricing models for risk analytics software - Replicated model calculations in MATLAB, Python, and Excel - Answered client queries arriving through Salesforce	
Metro Station Cleaner , Top Hygiene Kft – Budapest, Hungary	2019
Cleaned metro stations on night shift	
Guest Lecturer , Eötvös Loránd University, Faculty of Education and Psychology – Budapest, Hungary	2018 – 2019
Taught courses in programming and mathematics to cognitive science MSc students	
Statistician , Planiméter Kft – Budapest, Hungary	2018 – 2019
- Evaluated commercial and academic medical studies - Developed business intelligence applications for marketing resource planning	
Data Collector , DatAdat Professional Kft – Budapest, Hungary	2016 – 2017
Gathered and merged data sourced from social media APIs, SQL databases, and web scraping	
R Programmer , Petabyte Research Ltd – Budapest, Hungary	2015
Collected, processed, and visualized data for scientometric analysis of EU-funded studies	

Skills

Machining: CNC laser cutter (Trumpf), 3-axis CNC mill (NCT), manual lathe and mill, bandsaw

Material handling: forklift, overhead crane

Programming: Python, MATLAB, R, SQL, Git

Languages: English (C1), Hungarian (native)