



# Márton Csutora

## Computer Engineer

### My Contact

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📍 Budapest, Hungary

### About Me

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Highly motivated, focused on finding solutions, and feels alive in complex discussion. Quick learner with an insatiable curiosity and strong problem-solving skills. Seeking opportunities to apply my skills, further deepen my knowledge and collaborate with other professionals in the field.

### Languages

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- Hungarian - native
- English - C1

### Skills

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- Python and libraries (pytorch, numpy, pandas, matplotlib, etc)
- Linux servers, Docker, Ansible (8+ years of self-hosting)
- SysML, fault-tolerant systems design
- PCB design and manufacturing
- C, C++, Rust, Java
- Excellent communication skills
- Strong project management skills

### Education

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

Bachelor of Science, Computer Engineering  
Systems engineering specialization  
2021 – present

#### **Dunakeszi Radnóti Miklós Gimnázium**

High School  
2013 – 2021

### Projects

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#### **Bioinformatics Final | School Project**

- <https://colab.research.google.com/drive/13RgmJQ2MONOXDKrO1Ingr-Ou7D0J3vvm?usp=sharing>
- The project involved different tasks on RNA sequences such as alignment, comparing mutations, and structure prediction.
- Technologies used: Python, matplotlib, numpy, scipy, nwalgn, seaborn

#### **K&H Bank Parking System | Hackathon Project**

- <https://github.com/csumpasd/k-h-parking>
- During the 2023 [Hack3 Hackathon](#), our team quickly and efficiently developed a complete solution to the problem proposed by the organizers. We reached the finals.
- Technologies used: Swift, SwiftUI, NestJS, Machine Learning

#### **Segmented | Hobby Project**

- <https://github.com/csumpasd/segmented>
- A mod I wrote for the popular video game, Minecraft. It involved writing custom rendering, and injecting code into the game.
- Technologies used: Java, Mixins

#### **Custom Mechanical Keyboard | Hobby Project**

- Ongoing, not public yet
- I'm designing and building a custom wireless split mechanical keyboard from scratch, including the custom firmware, PCB design, case design and manufacturing.
- Technologies used: CAD, Rust