# Dávid Gábor Bodor

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**Website:** https://dragonfi.github.io

## Language skills

**Hungarian:** native language

**English:** fluent (speaking, reading, writing)

## Work experience

**2019-2020: Software Developer at Craftunique**

Developing slicer software for 3d printing.
- Extensive use of OpenGL, matrix math and geometry

**2019: Software Development Mentor at Green Fox Academy**

Teaching software development to career changers in a boot-camp format
- 1-on-1 mentoring, presenting daily topic to class, improving teaching materials
- Also held training for seasoned software developers on Git

**2017-2018: Software Engineer at NNG**

Porting automotive navigation software to a wide range of embedded devices (Android, QNX, Linux, Windows CE).
- Writing an audio compatibility layer for a particularly quirky Linux device.
- Holding a 3+ month in-house Python training.

**2015-2017: Software Engineer at Balabit**

Developing security application in Python and Scala. The application utilizes machine-learning to find potentially malicious activity in multiple streams of data, such as server and session logs, location data, etc.
- Working closely with data scientists on testing, implementing and optimizing certain algorithms.

**2014-2015: Python Developer as a Freelancer**

Various small projects done remotely. Mostly in Python.

**2012-2014: Software Engineer at Nokia Solutions and Networks**

Home Location Register (a mobile telecommunication server) development done mainly in C++, following agile practices like Scrum and Test Driven Development.

# Volunteer experience

**2015-2018:** **Volunteer Mentor at Technológiai Oktatásért Alapítvány**

Mentoring kids (8-18) as they learn the basics of programming in [Skool](), [Kódgarázs]() and [Kódklub]() projects.

# Education

**2009-2012:** Physicist Msc, Science University of Pécs

**2006-2009:** Physics Bsc, Science University of Pécs

# Skills and competencies

- Test Driven Development, Agile practices
- Linux, UNIX systems
- Python, Scala, Go, Clojure, C, C++
- Elm, JavaScript, HTML5, Django, Flask
- Git

# Notable Gigs

**2014:** Creating open-source plugins for edx-platform, a learning portal engine written in Django.

**2011:** Remote work experience, created website [http://www.manna.sk](http://www.manna.sk)

**2010:** Physics tutoring as a student at Science University of Pécs

# Additional courses

**2015:** [edX 16.00x Introduction to Aerospace Engineering: Astronautics and Human Spaceflight]()

**2012:** [edX CS188.1x Artificial Intelligence course]()

**2006:** European Computer Driving License

**2005:** Computer Software Operator and Web Designer