

# Dávid Gábor Bodor

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## Language skills

**Hungarian:** native language

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

## Work experience

### 2020-2022: Software Developer at Ericsson

Developing CI framework and tools mostly in Python, refactoring Erlang code

- Learning Erlang and Groovy within a month, producing production-quality code
- Introducing coverage metrics to already existing code base

### 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
- 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>

**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