



# Krisztián Ádám

fullstack developer

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[hangyas.github.io](https://hangyas.github.io)

## SKILLS

Ruby on Rails  
JavaScript  
Scala  
Java  
Vert.x  
elixir  
Docker  
Linux

## JOB EXPERIENCE

2019

**Ruby on Rails developer @ Tigra kft**

- SQL and HTTP request optimizations
- General fullstack development (ruby, RoR, CSS, Less, jQuery, PostgreSQL)
- REST API client and server development
- Plugins for the [redmine](#) issue tracker

2016-2019

**Freelancing**

- Remote work
- Collaborating with international teams as well as delivering projects on my own
- **UpEd**: Elixir, Phoenix, Ecto, JSON-API, PostgreSQL
- **Telegram bots**: NodeJS, MongoDB, docker
- **ETL tool**: python, xml, yaml, json
- **Blackcart.co**: User and admin dashboards (Bootstrap, jQuery, Ajax, CSS, MySQL, JWT), Apache .htaccess (CORS, subdomains), Twilio, Stripe integration
- **Serokell**: fullstack developer (TypeScript, CSS, PostgreSQL, nix)

## PUBLICATIONS

2018

**DRV (vert.x) @ Hungarian Academy of Sciences**

- Entire SaaS webapp developed by me
- Vert.x, netty, kotlin, SVG, jquery, CSS, three.js, Ajax, MySQL, docker
- Writing custom parsers for bioinformatics data formats
- Webapp: <https://drv.brc.hu>
- Article: <https://doi.org/10.1093/bioinformatics/btz906>

## OTHER ACHIEVEMENTS

- 2018      **Gave Python lectures to other students**
- Covering python basics, numpy, matplotlib
  - For natural science students
- Since 2016      **Telegram Bot API wrapper for crystal**
- Library developed by me as a hobby project
  - It has 68 stars on github
  - [https://github.com/hangyas/telegram\\_bot](https://github.com/hangyas/telegram_bot)
- 2016-2017      **Android apps**
- **AntPaint**: drawing app with special algorithms to draw interesting line shapes (+ REST backend for sharing drawings in editable format)
  - **Slide**: 2D puzzle game (+ REST backend for leaderboard)
  - Java, Scala, Netty, sparkjava
  - <http://hangyas.github.io/#android-apps>
- 2013-2015      **HTML5 apps for Firefox OS**
- They were actually successful until Mozilla canceled Firefox OS
  - JavaScript, jQuery, canvas, SVG

## EDUCATION

- 2015-2018      **Molecular Bionics Engineering @ University of Szeged**
- Including computer science, algorithms, data structures
  - physics and biology

## CERTIFICATIONS

- 2019      Cambridge Assessment English C1
- 2018      <EPAM> Introduction to Big Data - graduated with honors



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