

Rokas Gudavičius

contact

Edinburgh
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roxerg.github.io 

human languages

Lithuanian (native)
English (native)

languages & frameworks

♥ Python

TypeScript

Node.JS

Vue

Java

C++

PostgreSQL/MySQL

Haskell

Go

personal projects


collagerator 


pinterest-api 

flask-blog 


haiku-twitter-bot 

java-game-engine 

wallpaper-crawler 


student-database 

hackathons

GGJ 2017 

GUTS 2017 

Oxford Hack 2017 

Hack The Burgh 2018 






CreatED 2018 

HEX 2018 

GGJ 2019 

HackUPC 2019 

experience

- 2021–Present  **NORMALis.TECH** Vilnius, Lithuania
Full-Stack Web Developer
Continuing working on public transport management software. Closely-knit team utilizing Agile practices, continuous integration, peer code review, and testing.
- 2021–2021 **Projektai Visiems** Vilnius, Lithuania
Full-Stack Web Developer
Working on public transport management software using Vue, Node.JS, Solr, Docker. Project and team moved to NORMALis.TECH
- 2020–2021  **School of Informatics @ University of Edinburgh** Edinburgh, United Kingdom
Tutor
Tutoring Functional Programming (using Haskell) and Computational Logic for the INF1A - Introduction to Computation course.
- 2017–2020  **Clockwork Trader ApS** Copenhagen, Denmark
Remote Back-End Developer
Financial instrument trading platform start-up incorporating cryptocurrencies. Very small team. Remote work. Responsible for architectural decisions of the project, developing the API, miscellaneous emerging back-end tasks. Technologies used included Node.JS, Python, AWS services such as Lambda and API Gateway.
- 2018–2020  **CompSoc** Edinburgh, United Kingdom
Vice President & 3rd, 4th Year Rep
Biggest technology society in Scotland. Improved my organizational, time management and social skills. Organizing monthly Student Tech Meet-Ups with guests from industry, academia and student body, as well as other events. Advertising to potential sponsors & society members. Part of crew of Hack The Burgh 2019.
- 2018–2021  **IT Helpdesk @ University of Edinburgh** Edinburgh, United Kingdom
Student IT Assistant
General tech competency. Occasional SysAdmin issues. This position had an especially good team dynamic which taught me effective teamwork.
- 2019–2019 **MappingBook Ltd** Edinburgh, United Kingdom
Software Developer
Part of a tiny team with sharp deadlines. Varied types of tasks. Experience working with legacy code. Technologies used included Node.JS, React, Django, Docker

education

- 2017–2021 **BSc Hons** in Computer Science University of Edinburgh

project highlights

- 2019 **RESTful API for Pinterest Image Search** Personal project
Used a scraper based on Selenium to fetch images from Pinterest, get all its colors and save this data to database. Sanic asynchronous web server fetched URLs to images based on requested colors. Threading and Redis used to improve performance.
- 2019 **GigScanner** University of Edinburgh
An app that finds flights to concerts of selected artists. Worked on incorporating SkyScanner flight search API and helped with WebGL based UI
- 2017 **Java Game Engine** Personal project
Rudimentary 2D game engine from scratch. Renders a map with moving sprites and detects collision. Includes a tile map editor that saves a compressed representation of the level. Learned a lot about OOP and structuring code for re-use and readability.