Agnes Meri
Software engineer
agnes.meri.work@gmail.com
GitHub
LinkedIn
Codingame

Professional profile

I fell in love with programming during my university years. My field of study was quantitative ecology, building mathematical models and evaluating our results with various statistical tools. I enjoy problem solving very much, I find it challenging and exciting. I have been working remotely for the past 6 years and hope to continue my career as a remote/partly remote software developer.

IT Skills

Web: JavaScript, NodeJs, NPM, Express, Webpack, Bootstrap, HTML5, CSS3, ReactJS
Other languages: Python, Mathematica, R, Bash
Cloud computing: Heroku, MongoDB Atlas
Data: MongoDB, NoSQL, SQL, PostgreSQL
VCS: Git, GitHub
Tools for project management and communication: JIRA, Trello, Slack
Science: Mathematical modeling, Cellular automata, Statistics
Demo of my ongoing project: https://fract-acc-app-demo.herokuapp.com/

Employment History

10/2017-	Remote	Fractalometry Ltd – **Software engineer** Development of company accounting software and small web applications, tools for integrations
10/2012-	Remote	Moravia IT Hungary Ltd, later Locwell Hungary Ltd **Language translator and proofreader** Software translations, Oracle Fusion and related products
2010-2013	Szeged	University of Szeged - **Demonstrator** Teaching Informatics, Biomathematics, Biostatistics

Education

2010-2013	Ph.D. studies at the Department of Ecology and the Department of Medical Physics and Informatics at University of Szeged - Unfinished
2005-2010	Studies in Environmental Science, Quantitative Ecology at University of Szeged - *Master's degree* in **Conservation biology**

Related publications:

Méri Á., Karsai J. (2013) - Modelling the spatial and temporal dispersal of Cuscuta europea - Polish Journal of Ecology

Méri, Á. ; Körmöczi, L. (2010): Temporal Pattern Analysis - a new algorithm for detecting patch size in plant populations. - Tiscia 38,3-9.

Information about my current role

In my current role I'm responsible for creating tools for a web based educational system.
Feel free to check my GitHub profile, where you can find some of my codes.
I recently started to develop my portfolio page. The design is not ready yet but you can already browse my projects.

I am also developing a standalone accounting platform to support the company's multicurrency book keeping. I used NodeJS for the platform with an ExpressJS server for the API. To store the data there is a MongoDB (MongoDB Atlas) integration. I use Webpack to bundle the code and CSS for the front end. There is a ReactJS port in the pipeline to make the platform more modern and to compile with current standards.

A demo version of the accounting platform is available on Heroku:

https://fract-acc-app-demo.herokuapp.com/

Working on my daily tasks involves the use of a variety of programming languages like: JS, Python, PostgreSQL, SQL, bash scripting.

Earlier on for my science projects I used Mathematica and R. I pick up new languages easily and I really enjoy learning. Lately I got to like JavaScript because it's portability and popularity, that makes it easy to find solutions on the web for arising issues during development. However, it's not exclusive and I'm open for learning new technologies needed for my work.

I hope that based on my scientific programming background combined with my recent experience in web development you consider me as a candidate for this role.