Lukas Rasocha

+4550149611 | rasocha.lukas@gmail.com | linkedin | Github | porfolio

Skills: Python, Java, C, C#, JavaScript/TypeScript, SQL
Other: Git, VIM, GCP, Node, Express, Angular, Nextjs, Apache Spark, Scikit-learn, Numpy, Pandas, Firebase, PyTorch

Education

Bachelor of Science, Data Science. GPA: 11/12   **Graduation: June 2023**
IT University of Copenhagen

Some courses: Data Structures & Algorithms, Intro to Database Systems, Machine Learning, Network Analysis, Applied Statistics, NLP and Deep Learning, Large Scale Data Analysis, Operating Systems and C, Software Development, Security
Other uni courses (GPA: 12): Functional programming, Scientific programming, Linear Algebra, Calculus
Activities: Won an algorithmic competition for my semester, Student Mentor, Student for en dag, Attending events for solving algorithmic problems, Presented the Data Science programme at ITU's open house event

Experience

Computas Denmark – Copenhagen.   Jan 2022 – Present
Software Developer:
- Google Cloud Platform
- Contribution to **open source** (ZenML - MLOps framework for ML tools integration)
- Research tasks supervised by Rasmus Halvgaard, Ph.D.

RoGlove
Internship   Nov 2022 - Jan 2023
- RoGlove is a startup from DTU's Skylab that develops an electronic glove that gamifies hand rehabilitation and predicts hand related injuries

IT University of Copenhagen .   Aug 2021 – Dec 2021
Teaching Assistant
TA for Data Science bachelor students in courses
- Introduction to Data Science and Programming
- StudyLab (Linear Algebra)
- Livecoding - once a week I held a live coding class, where I coded ML algorithms from scratch

Some of my projects

Github recommendation system – GitHub   Jan 2021 – May 2021
- Link to the web app
- Built a recommendation system for github repositories, based on the 2009 GitHub bipartite network, representing User-Repository-Watches (unweighted) relationships.

Comparison of Pathfinding algorithms – GitHub   Jan 2021 – May 2021
- Link to the web app
- Quantified and displayed different path-finding algorithms. Then I collected data on randomly generated maps to quantify the performance of each of the algorithms to compare them with their theoretical big-O.

Awards

Won a regional round of a startup competition - T-mobile rozjezdy   May 2019

During my highschool I was a part of a project which developed an interactive Chatbot that helped tourists explore areas, get tips and answers, play various games or just simply educate them about the history of places.