Gellért Peresztegi-Nagy

3rd year Computer Science student at Cambridge

+44 7752 796799 | pereszteginagy.gellert@gmail.com
github.com/pgellert | https://www.linkedin.com/in/gellert-peresztegi/

EDUCATION

University of Cambridge (United Kingdom) — *BA Computer Science*

OCTOBER 2018 – EXPECTED GRADUATION JUNE 2021

- Final project: designing a high-availability matching engine of a stock exchange
- Coursework: Multicore Semantics and Programming, Concurrent and Distributed Systems, Computer Networking, Optimising Compilers, Quantum Computing Algorithms, OOP, Unix Tools

WORK EXPERIENCE

G-Research, London (United Kingdom) — S*oftware Engineer Intern*

JULY 2020 – SEPTEMBER 2020

- Reduced the time needed to compare multiple versions of a software by combining analytics data from 6 different sources into a single interactive dashboard. This diffing tool is used by a DevOps team to sign off new versions of a safety-critical software.
- Set up a CI/CD pipeline with Bamboo.
- Built the tool with another intern, regularly gave and received code reviews.
- Used Python, Plotly, SQL, OpenTSDB, Elasticsearch, Git, Docker.

Realmonitor, Budapest (Hungary) — *Software Engineer Intern*

JULY 2019 – SEPTEMBER 2019

- Built a proof of concept real estate ad search and notifications mobile app.
- Worked alone from UI design and existing database to a working prototype. Hired to continue to work remotely.
- The app is now in the App Store and Play Store and won the OTP Startup Award.
- Used Flutter, Firebase, Dart, TypeScript.

Easyling.com, Budapest (Hungary) — *Data Analyst Contractor*

APRIL 2019 – JUNE 2019

Analysed usage data of the Easyling.com website translator service to test the viability of a new group pricing model.

OTHER PROJECTS

Weather App for Photographers

Learnt about customer-focused application design while leading a team of 5 developing a weather application designed for photographers.

Distributed Algorithms

Gained experience implementing, testing and evaluating distributed algorithms following the description in their research papers. Used Golang to implement MapReduce, Raft, and a replicated key-value store built on top of Raft.

AWARDS

Churchill College Computer Science Talk Series, Cambridge (United Kingdom) — *Distinguished Award*
Hungarian National Mathematics Olympiad, Budapest (Hungary) — *14th*
Hungarian National Informatics Olympiad, Budapest (Hungary) — *11th*

LANGUAGES

English (fluent)
German (intermediate)
Hungarian (native)