

Gábor Csapó

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Portfolio: gaborcsapo.com

Education

New York University Abu Dhabi (NYUAD), UAE
Bachelor of Science in Computer Science, GPA: 3.88
Studied abroad in New York and Shanghai
Minors in Economics and Design

Sep. 2014 – May 2018

Main Skills

Machine Learning (Tensorflow)	Python	Unix/Linux	Data Visualization
Natural Language Processing	Java	C++	Databases (SQL, RDF)

Experience

United Kingdom | July 2018 – Present

Software Engineer | Goldman Sachs

Java C++
AWS Hazelcast
Enterprise SDLC
Databases(SQL)

- Re-engineering the live intraday risk pipeline of Goldman Sachs as part of a global team. Migrating the system to a micro services architecture to increase scalability and maintainability.
- The solution manages millions of trades every day and reduces lag from 2 minutes to seconds.

Greenland | Oct. 2016 – Oct. 2017

Data Visualization Developer | Center for Sea Level Change

Node D3.js
SDKs C/C++
Raspberry Pi 3

- Designed the first successful visualization of a unique dataset of 300,000 salinity, temperature and depth data points collected by tags put on seals in fjords of Greenland.
- Built visualization for a drone LiDAR payload for the aerial 3D mapping of glaciers.

United Kingdom | June 2017 – Aug. 2017

Financial Data Science Intern | Sociovestix Labs Ltd.

Python PyPDF
NLTK Pandas
NLP Tensorflow

- Proposed and built a PDF extraction and language processing application cutting down data collection efforts from 2 months to 1 week. The project was showcased to our client.
- Analyzed top investment banks at the first responsible financial data science consulting firm.

Ghana | Apr 2016 – July 2016

Software Engineer Intern | Center for Technology and Economic Development

Java Android
Node Maps API
Twilio JS/HTML

- Prototyped an SMS-based taxi app with the potential to provide automated service in rural regions. Experimented with mapping tools and apps to aid economic development.
- Built a road network analyzing application in a team of 5 to battle shortages in Ghana.

Projects & Awards

Mozilla Creative Media Awards Recipient

June 2018 - Present

Project manager and data scientist building an AI simulation to show the negative effects of bias. **The team received \$25 000 and the support of Mozilla** to develop and distribute the project.

Lockheed Martin Drone Challenge Co-Project Leader

Apr. 2017 – Dec. 2018

Built a team of 5 and proposed a winning drone survey payload design with my partner. **Design challenge awardee** of \$5000 to realize our design and the necessary data pipeline.

Hackathon Participant

March 2016 / Oct. 2015

Pitched dining hall policy change based on sales trends during hackathon in Abu Dhabi. **Advancement funding recipient** (from NYUAD) to fly to the largest hackathon in Shanghai.

Freelance Web Designer

Oct. 2014 – May 2016

Designed two art archives, an internal news portal and provided technical support to them.

Languages

Fluent German	Fluent English	Native Hungarian	Beginner Chinese
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