Gábor Csapó

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Portfolio: gaborcsapo.com

Education

New York University Abu Dhabi (NYUAD), UAE Sep. 2014 – May 2018
Bachelor of Science in Computer Science, GPA: 3.88
Studied abroad in New York and Shanghai
Minors in Economics and Design

Main Skills

Machine Learning (Tensorflow)	Python	Project Management	Databases (SQL, RDF)
Natural Language Processing	Java	User Experience	Data Visualization

Experience

United Kingdom | July 2018 – Present

Software Engineer | Goldman Sachs

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

• 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.

United Kingdom | June 2017 – Aug. 2017

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. I received full ownership over the product.
• Showcased the final product to clients to convince them about the reliability of the solution.

Greenland | Oct. 2016 – March 2017

Data Visualization Developer | Center for Sea Level Change

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

• 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.
• Initiated visualizations of 3D aerial mappings of glaciers collected by a drone LiDAR payload.

Ghana | Apr 2016 – July 2016

Software Engineer Intern | Center for Technology and Economic Development

Java   Android
Node   JS/HTML
Twilio   Maps API

• 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.
• Collaborated on a road network analyzing app in a team of 5 to battle shortages in Ghana.

Projects & Awards

Hackathon Participant *Oct. 2015 - Present*
Azure Hackathon London, NYU Abu Dhabi Datathon, Hack Shanghai participant and pitcher.
Advancement funding recipient (from NYUAD) to fly to the largest hackathon in Shanghai.

Mozilla Creative Media Awards Recipient *Aug. 2018 - Present*
Project manager and Data Scientist of a web-based interactive educational game to teach future policy makers where algorithmic bias in AI systems stems from and why accountability matters.
The team received $25 000 and the support of Mozilla to develop and distribute the project.

Find out more on
gaborcsapo.com

Lockheed Martin Drone Challenge Co-Project Leader *Apr. 2017 – Dec. 2018*
Built a team of 5 students 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.

Machine Learning (ML) Workshop Facilitator *March 2018*
Led a series of workshops to engage students in the discussions surrounding ML and its impact.

Languages

Fluent **German**	Fluent **English**	Native **Hungarian**	Beginner **Chinese**