

Michal Baumgartner

EDUCATION

DTU

MSC IN MATHEMATICAL MODELLING
MACHINE LEARNING & SIGNAL PROCESSING
Grad. August 2018, Copenhagen, DK
(Technical University of Denmark)

MASARYK UNIVERSITY

BSC IN MATHEMATICAL MODELLING
Grad. July 2016, Brno, CZ

1. SÚKROMNÉ GYMNÁZIUM

Grad. May 2013 | High School
Bajkalská 20, Bratislava, SK

CENTRE HIGH SCHOOL

Junior year 2012
Lost Springs, Kansas, USA

FOCUS AREAS

- Machine Learning
- Deep Learning (computer vision, NLP)
- Statistical Modelling
- Big Data applications
- Scaleable and observable systems
- Data collection and mining

INTERESTS

- Game data collection and analysis
- Hackathons (winner and runner-up in Riot Games Hackathon 2017 & 2018, Los Angeles)
- Public speaking
- Education (Big Data & Python, preparatory course for graduates)

ABOUT ME

Email: miso.baumgartner@gmail.com

Web: baumgartner.io

Github: [m1so](https://github.com/m1so)

LANGUAGES

Native or bilingual proficiency: Slovak • Czech

Full profesional proficiency: English

Limited working proficiency: German • Italian

Elementary proficiency: Spanish

EXPERIENCE

PANORAMICHQ.COM | DATA SCIENTIST / ML ENGINEER

Oct 2018 – now | Full-time | Bratislava, SK

- Stood up Looker BI reporting and underlying SQL views & transforms
- Implemented Data QA system, automatic SQL join and identifier detection
- Coauthored automated insights calculation and delivery (benchmarking, optimization, observability, monitoring, infrastructure and deployment)
- Maintained APIs, CI/CD pipelines, Kubernetes jobs and deployments
- Participated in research weeks, authoring Ad & Creative image analysis

PEERGRADE.IO | DATA SCIENTIST

Feb 2018 – Aug 2018 | Part-time | Copenhagen, DK

- Platform for peer feedback and learning
- MongoDB to Postgres ETL for reporting
- Created and maintained SQL views for Metabase BI tool
- Fraud and anomaly detection

DTU COMPUTE | TEACHING ASSISTANT

Autumn semester | Part-time | Copenhagen, DK

- Teaching assistant for 02807 Computational tools for Big Data (toolsforbigdata.com)
- Coauthored, graded and consulted on student projects

EASYPRACTICE.NET | FULL STACK DEVELOPER

Nov 2016 – Feb 2018 | Part-time | Copenhagen, DK

- Clinic management SaaS (booking, invoicing)
- Modernized and rewrote the application front-end in VueJS
- Back-end & front-end integration of various payment and insurance providers

TECHFIDES SOLUTIONS | FULL STACK DEVELOPER

Sept 2015 – June 2016 | Part-time | Brno, CZ

- Implementation and design of tailor made systems
- Projects: factory management system, social network for pet owners

SLOVAK TELEKOM | TESTING AND CONTENT MIGRATION

July 2014 – Aug 2014 | Summer Job | Bratislava, SK

- Web and CMS content migration, reporting, regression testing

EDOCU A.S. | FULL STACK DEVELOPER

July 2013 – Aug 2013 | Summer Job | Bratislava, SK

Sep 2012 – June 2013 | Part Time | Bratislava, SK

July 2012 – Aug 2012 | Summer Job | Bratislava, SK

- Development of cloud based inventory management system from ground up
- Back-end & front-end design and implementation

SKILLS

PROGRAMMING LANGUAGES, TOOLS AND FRAMEWORKS

Expert:

Python (Scientific, ETL, ML & DL stacks) • PHP • JavaScript (TS) • Postgres • Snowflake • Matlab • LookML

Advanced:

Rust • Git • CSS • AngularJS • VueJS • C++ • Java • C • R • MongoDB

Familiar:

AWS (S3, SQS, Lambda, CloudWatch, EKS, ECR) • Swift • ReactJS • Neo4j