Filip Keri
Data Scientist

Passionate problem solver with a diverse background and insatiable curiosity for knowledge. Skilled in data analysis, mathematics, and coding, driven by uncovering hidden patterns and communicating insights as a Data Scientist.

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PROFESSIONAL EXPERIENCE

FACEBOOK — **Cambridge, MA, USA**
Backend Software Engineer — **Sep 2018 - Dec 2019**
- Worked as a software engineer on the GeoAPI:Nearby Location Infrastructure team.
- Collaborated with teams in California and NYC to realize projects to fruition.
- Restructured and optimized location infrastructure systems; wrote SQL queries and implemented A/B testing.

FACEBOOK — **NYC, NY, USA**
Software Engineering Intern — **May 2017 - Aug 2017**
- Worked as a software engineering intern on the Android App Upgrades team.
- Wrote SQL queries to troubleshoot the FB4A Sideloading page and redesigned the page accordingly.
- Carried out A/B testing to compare the redesigned FB4A Sideloading page with the prior implementation.

FACEBOOK — **Menlo Park, CA, USA**
Software Engineering Intern — **May 2016 - Aug 2016**
- Worked as a software engineering intern on the Notifications Growth team.
- Created a Notification Quality Bot: a system that monitors the behavior of all of Facebook's notification types.
- Created a Notifications Team Dashboard: an internal tool that aids the debug process of the Notifications team.

HIGHER EDUCATION

UNIVERSITY OF MANCHESTER — **Manchester, UK**
Certificate of Higher Education in Healthcare Sciences — **Sep 2020 - Sep 2021**
- Successfully finished the first year of the MBChB Medicine program.

FRANKLIN & MARSHALL COLLEGE — **Lancaster, PA, USA**
Bachelor of Computer Science and Mathematics — **Sep 2014 - May 2018**
- GPA: 3.98 (*Summa Cum Laude*)
- Relevant Coursework: Machine Learning, Artificial Intelligence, Bioinformatics, Data Structure & Algorithms, Linear Algebra and Differential Equations, Single and Multivariate Calculus/Probability and Statistics

UNIVERSITY COLLEGE LONDON — **London, UK**
Study Abroad — **Sep 2016 - Dec 2016**
- Relevant Coursework: Biomathematics, Cryptography, Fourier Series, Logic and Database Theory

ADDITIONAL

TECHNICAL SKILLS

Python, SQL, C/C++, JavaScript, React, Git, Mercurial	Machine Learning (scikit-learn + TensorFlow)
A/B & Hypothesis Testing, Data Storytelling/Visualization	Web Scraping, Data Cleaning, Feature Engineering

PROJECTS
- TLC_SDSB: A Two-Layer Structured Classifier for Identifying Single-Stranded and Double-Stranded DNA-Binding Proteins from Protein Sequence (*Jing Hu and Filip Keri, presented at ISBRA 2019 conference*)
- A Data-driven Journey through Time: Exploring the Evolution of Popular Music Sound

CERTIFICATIONS & TRAINING

Data Scientist Professional — **DataCamp, May 2023**
- 116-hour certification with timed examinations, a practical project, and a live presentation at the end.

Machine Learning Scientist (93-hour track) — **DataCamp, Jun 2023**

LANGUAGES: English (fluent), Croatian (native), French (lower intermediate)