Figali Taho

Curriculum Vitae

Bilkent University, Ankara, Turkey
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Experience

May 2018 to Aug 2018	**Google Software Engineering Intern**, *Google Inc., Zürich, Switzerland* Reporting data store for internal tool. Backend, Java frameworks, Spanner, Dart for interface.
July 2017 to Aug 2017	**Summer Research Fellow**, *ETH Zürich, Zürich, Switzerland* Distributed training of RNNs using Tensorflow for clinical data prediction tasks.
Jan 2017 to Apr 2017	**Software Engineering Intern**, *Kuartis, Ankara,Turkey* Completed Webpage Classification for removal of unnecessary sites from copyright detection pipeline.
Jun 2016 to Sep 2016	**Software Trainee Engineering Practicum Intern**, *Google Inc., Zürich, Switzerland* Developed a pipeline for sending emails to users; used MapReduce, BigTable, HTML.

Education

Sep 2018 to present	**Bioinformatics**, *University of British Columbia, Vancouver, BC, Canada* Technical elective courses: Machine Learning and Data Mining
Apr 2017 to Aug 2017	**Erasmus Program Student**, *Saarland University, Germany* Technical elective courses: AI, Image Compression, Algorithms for Sequence Analysis
Aug 2014 to Jun 2018	**B.S. Degree**, *Bilkent University, Ankara, Turkey* CGPA: 3.66/4.00
2010-2014	**High School Diploma**, *Mehmet Akif College, Tirana, Albania* Excellent Scholar of Republic of Albania; 3rd in National Biology Olympiad.

Technical skills

- Good grounds in Data Structures and Algorithms. Strong problem solving skills.
- Good understanding of MapReduce using FlumeJava; experience with LSF cluster and batch job systems.
- Experience with Machine Learning frameworks Tensorflow and Mxnet and library Scikit-learn, good understanding of various ML techniques.
- Able to develop Android apps; experience in web programming using django framework for personal project.
- Knowledge of MIPS microprocessor, MIPS Assembly and Verilog HDL development for computer organization and design courses.
- Programming languages: Python, C++, C, Java.

Languages	Native: Albanian, Greek Excellent: English, Turkish Good understanding: Italian, German, Spanish
Societies	Bilkent IEEE Computer Society Chapter Vice Chair and teacher of Bilkent IEEE Android course for beginners. Very good teaching and presentation skills.

Projects

- Diafano: Android and web app for people-driven news reporting, using of state-of-the-art data science algorithms and platforms for live video broadcasting and streaming.
- Lauzhack 2.0 Credit Suisse Algorithm Challenge winner. Implementation of algorithms for various frauds' detection in large financial data graph.
- Google CodeU program: Program for selected EMEA CS students. It involved regular code reviews of weekly algorithm challenges, and learning industry's top testing and debugging practices.
- Recommender systems: Movie recommender.
 Python implementation of item-item weighted sum and weighted sum with baseline CF algorithms for movie recommendation system. MovieLens 100k, 1m and 10m datasets were used.
- "Bilkent.Live" - An Android campus application developed for programming course.
 Worked on Android UI, and backend communication/parsing for information.