

EDUCATION

Bilkent University, Turkey

Sep 2016 – Jun 2021

- BS in Computer Engineering, *CGPA: 3.23*
- Full Tuition-Waiver Merit Scholarship

National Taiwan University, Taiwan

Sep 2019 – Jan 2020

- Exchange Student in Computer Science & Information Engineering Department, *GPA: 3.45*

Relevant Coursework: Data Structures, Algorithms, Programming Languages, Object-Oriented Design, Operating Systems, Database Systems, Networks, Computer Architecture, Software Engineering Project Management

EMPLOYMENT

Software Engineer, Intern

Yapi Kredi Technology

Jul 2020 – Sep 2020

- Built restful web services by using Spring Boot and interacted with the internal APIs of the bank. Also, experienced Agile/ Scrum development methodologies.
- Implemented interactive user interface for varying form pages of the law module of the bank (React).
- Improved robustness of the law module by integrating unit tests.
- Applied domain driven design techniques by continuous communication with different stakeholders.
- Leveraged knowledge in **Java**, Spring Boot & Hibernate for back-end, **JavaScript**, React for front-end, unit testing with JUnit & Mockito, Git.

Software Developer, Intern

Nokia

Jun 2019 – August 2019

- Participated in designing and building a new test automation system for Nokia's 5G service routers which decreases the router setup & test time up to 90%.
- Developed complex regular expressions with the TextFSM library to parse various CLI outputs efficiently.
- Implemented new keyword functions with Python, improved test cases for varying testing scenarios.
- Leveraged knowledge in **Python**, Git, Command Line Interface, Regular Expressions, Robot Framework.

PROJECTS

Personal Website: www.mkamilgok.github.io (for additional information)

Terra Mystica Digital Board Game

- Developed an online multiplayer desktop game which is a digital version of Terra Mystica Board Game.
- Designed the object oriented design model and implemented with varying design patterns.
- Utilized: **Java**, Git, Maven, Java Http Client, OOP.

Playlist Creator & Recommender Web App (<https://musica-discover.herokuapp.com/>)

- Built a web application that recommends customized playlists based on historical data of the user and enables playlist creation. Integrated Spotify API to fetch the history of the user.
- Inspired from struggling with discovering new songs.
- Optimized a new algorithm that can create different playlists for different time periods chosen by the user.
- Utilized: **Javascript**, **React**, CSS, Heroku, Git, Web Development.

TextProApp – An Advanced Text Editor

- Improved text editor which can autocomplete, check spelling, generate readability score of the text.
- Utilized: **Java**, Java FX, Git.

Languages and Technologies

- **Proficient:** Java, Javascript, Git, Command Line/Linux, Spring Boot, React
- **Familiar:** C++, Python, SQL, HTML/CSS, JUnit