



BARTU ATABEK

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Persevering software engineer specializing in building and occasionally designing exceptional applications, websites, and everything in between.

EXPERIENCE

Software Engineering Intern Aug 2019 – Sep 2019
MilSOFT Software Technologies Ankara, Turkey

- Implemented target capturing for drones in a swarm, network transmission of the target data to the desktop application for monitoring on the map.
- Helped solidify target management system to view the target information and give commands to drones to capture new target images.
- Worked with a variety of different languages, frameworks, and content management systems such as Java, C++, OpenCV, Tensorflow, SVN, Jira, etc.

Software Engineering Intern Jul 2019 – Aug 2019
OBSS Technology Ankara – Istanbul, Turkey

- Participated among the top-performing 20 students to spend an additional two weeks at an intensive Spring & React training program in Istanbul.
- Built simple command-line programs to full-stack web applications with SQL databases using J2EE, Spring and ReactJS frameworks.

Software Engineering Intern – iOS Jul 2018 – Sep 2018
VLMedia Ankara, Turkey

- Assigned to an individual project of implementing a web application and was responsible for the system design and implementation of an iOS app.
- Worked on implementing the product in accordance with the product, design and other engineering teams (i.e. Android, Backend).
- Designed cloud architecture & RESTful API using Google's Firebase service to achieve a coherent experience in different platforms.

PROJECTS

FULL LIST OF MY PROJECTS WITH DETAILS CAN BE FOUND IN MY PORTFOLIO

Neverwhere – Senior Design Project & iOS Application Jan 2019 – June 2020

- Leading a team of 4 engineers, responsible for product management, design and iOS.
- Spearheaded the development of core features i.e. AR, moments, memories, auth, etc.
- Maintaining scalable databases, clustering algorithms, and UI/UX features implemented in Swift and TypeScript.

tinitron – Microservice API & iOS/macOS Application Feb 2020 – present

- A cloud-native, open-source URL shortener application built using Spring & iOS/macOS (Swift) & GCP technologies and frameworks.
- Launched on the App Store to reach over 500+ downloads worldwide.

Bias – Java Application & UI Library Feb 2016 – Feb 2017

- Developed a platform independent desktop assistant in Java & JavaFX for the use of Bilkent students during their college life.
- Designed custom components using JavaFX and created an open source UI library in GitHub.
- Lead presentations & demos for the freshman students as a guide to help them with their projects.

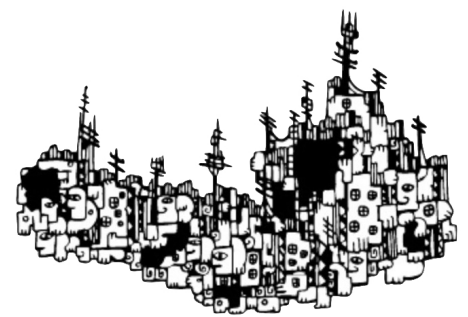
EDUCATION

Bachelor of Science - BS, Computer Science 2016 – 2020
Bilkent University

Electives: Computer Networks, Image Analysis, Parallel Computing, Application Lifecycle Management, Cloud Computing and Mobile Applications, Interface Design Studio, Introduction to Psychology, Essentials of Photography

IB Diploma & High School Diploma 2012 – 2016
TED Ankara College

International Baccalaureate (IB) Courses: Physics HL, English B HL, Turkish A HL, Mathematics SL, Chemistry SL, ESS SL, Theory of Knowledge



SKILLS

Industry Knowledge

OOP UX Research & Design RDBMS
Scrum Design Patterns Presentations
Vision Leadership Pitching CI/CD
RESTful APIs Full-Stack Development

Programming Languages

Advanced: Swift Java C/C++ HTML/CSS
Intermediate: MATLAB TypeScript JavaScript
PHP Python SQL SystemVerilog

Libraries & Frameworks

SwiftUI SpringBoot Hibernate Maven J2EE
JavaFX reactJS MPI/OpenMP CUDA LaTeX

Tools & Platforms

Git Firebase Google Cloud Platform Docker

Design

Sketch Adobe Creative Cloud Zeplin

ACHIEVEMENTS

Visual Designer Award, CSFair'20
Given to the student with the highest ability to produce nice-looking, smooth, user-friendly, and state-of-the-art graphical user interfaces.

Wide Impact Project Award, CSFair'20
Awarded to my senior design project (Neverwhere) for the project that reaches the widest audience.

1st Place in Elevator Pitch, 13th Ankara Startup Battlefield
Took 1st place in the Elevator Pitch category and also, won a secondary award to participate in the İş Bank's Workup program.

Career Plus Engineering Camp 2019 Attendee
Chosen to attend 3IK's Career Plus Engineering Camp in Istanbul, Turkey. 60 applicants were chosen from different universities around Turkey.

CERTIFICATIONS

MORE ON LINKEDIN

- User Experience Research and Design Specialization, Coursera
University of Michigan
- Building Scalable Java Microservices with Spring Boot and Spring Cloud, Coursera
Google Cloud
- Deep Learning Specialization, Coursera
deeplearning.ai
- iOS App Development Bootcamp, Udemy
London App Brewery & Angela Yu
- Web Developer Bootcamp, Udemy
Colt Steele

TOEFL iBT, ETS
107/120 (Nov 2019)

