ba

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
MilSOFT Software Technologies

📅 Aug 2019 – Sep 2019
📍 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
OBSS Technology

📅 Jul 2019 – Aug 2019
📍 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
VLMedia Inc.

📅 Jul 2018 – Sep 2018
📍 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 a tracking & sharing application per 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 700+ 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 first-year students as a guide to help them with their projects.
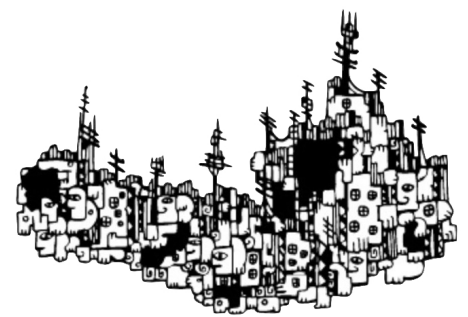
EDUCATION

Bachelor of Science - BS, Computer Science
🎓 **Bilkent University** Graduated With Honors

📅 2016 – 2020

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
🎓 **TED Ankara College**

📅 2012 – 2016

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 | UML | 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 as one of sixty applicants for 3IK's Career Plus Engineering Camp in Istanbul, Turkey. Competed in case studies and activities from various companies.

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)