

EDUCATION

- **Eastern Mediterranean University** Famagusta, TRNC
Master of Science in Applied Mathematics and Computer Science; GPA: 4.00
Sep. 2017 – Cont.
 - **Courses Completed:** Distributed and Parallel Programming, Cryptography
- **I.D Bilkent University** Ankara, Turkey
Bachelor of Engineering in Computer Engineering
Sep. 2012 – July. 2017
 - **Courses Completed:** Digital Design, Computer Organization, Operating Systems, Object-Oriented Software Engineering, Software Engineering Project Management, Artificial Intelligence, Image Analysis, Computer Graphics

EXPERIENCE

- **ONES Technology** Ankara, Turkey
Software Engineer (Internship)
July 2016
 - **PHP/MYSQL:** Communicating different pages, populating pages accordingly, backing-up data stream.
 - **JAX-WS:** Web service for both displaying and storing server logs on GlassFish application server.
- **Fujitsu Technology Solutions** Ankara, Turkey
Software and System Engineer (Internship)
July 2015
 - **System Room Design:** Public and local, wireless and wired network management, central data traffic management, firewall configuration, data backup management, satellite connector and controller configuration etc.

PROJECTS

- **Image Segmentation using SuperPixels:** Image segmentation carried out by using Gabor Convolution, K-Means segmentation and Simple Linear Iterative Clustering algorithms.
- **NetWord:** A Social networking platform for text based games. Users are categorized by analyzing inputs from the games and the user-matching done through this categorization, allowing users to be matched with similar views, giving an enhanced user-experience. Developed on Android Studio with Google FIREBASE.
- **StickMan Animation:** Stickman figure and animation with realistic but simple human-like movement. Implemented with WebGL including integrated shaders etc.
- **Static Memory Management:** Raw memory management in C. Static library for creating an allocated segment, memory allocation, memory deallocation and displaying the segment information. An alternative memory allocation library.
- **Odd/Even Sum Computation:** Parallel (multi-threaded) and distributed (concurrent computation with two machines via socket programming), odd/even prefix algorithm to compute overall sum.

SKILLS

- **Programming Languages:** C/C++, C#, Java, MATLAB, JavaScript, HTML/CSS/PHP, SQL
- **Hardware Description Languages:** Verilog, Assembly (MIPS32 architecture)
- **Technologies:** Git, Android Studio, Google FIREBASE, SourceTree, Linux(Ubuntu/Fedora)
- **Languages:** Turkish, Azerbaijani (Native); English (Advanced); Russian, French (Beginner)