

OrkunDuman

student entrepreneur

about

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languages

English
Turkish
basic German

programming

Android, Assembly
C, C#, Go, HTML
Java, PHP, Python
SQL, Swift, Unity 2D

design

Final Cut
MS Office
Photoshop

systems

PC
Mac
Linux
(Ubuntu &
CentOS)

education

- 2015 - May 2019 **University of California Berkeley** Major GPA: 3.93 - Cumulative GPA: 3.82
Bachelor's Degree in Computer Science
Relevant Courses: Algorithms, Artificial Intelligence, Cognitive Science, Computer Architecture, Data Structures, Databases, Discrete Math & Probability, General Psychology, Linear Algebra & Differential Equations, Machine Learning, Networking, Security
- 2010 - 2015 **American Robert College of Istanbul** GPA: 3.7
Diploma - College Prep Curriculum
Certificate of High Honors, Xerox Award for Innovation and Information Technology

experience

- May-Aug 2017 **Microsoft, Seattle** Software Development Engineer Intern
• Represented Microsoft while enabling ISVs to build efficient software solutions
• Implemented a new network plugin for Kubernetes on Docker using GoLang and Linux UDP tunnels while adhering to the performance requirements of the Azure cloud environment
• Enabled L7 gateway firewalls to be deployed to the container world using the network plugin
• Added functionality to the internal employee portal to locate nearby colleagues with similar focus for increased office collaboration
- Aug-Dec 2016 **University of California Berkeley, CA** Undergraduate Student Instructor
• Lead the teaching pedagogy course, Intro to Teaching Computer Science, for new staff
• Tutored for the Python and SQL course 'Structure and Interpretation of Computer Programs'
- May-June 2016 **Gram Games, Istanbul** Game Developer Intern
• Walked through the entire production process by taking 3 prototype apps to fake-launch
• Designed a new game from scratch, implemented the core mechanics and GUI using Unity
• Worked in collaborative teams with artists and game designers
• Published B.O.X, an animated 3D game written in C#, which had a ~30% retention rate
- Aug-Sep 2014 **Turkcell, Istanbul** Mobile Development Intern
• Became proficient with Android and iOS development platforms through extended exposure
• Worked on the Android Wear platform to design an app to track mobile data use
• Implemented a proof of concept project showcasing the capabilities of the iPhone M7 chip
• Contributed to the Turkcell Education Portal by writing blog posts about the Android Watch

projects

- 2013 - 2016 **NoMercyMC** Founder, CTO
• Founded a company around the idea of an RPG game server that used Minecraft graphics
• Published a .NET website with built in e-Commerce features to support the user community
• Promoted the company through billboards, Google ads, and Youtube channels
• Maintained large amounts of encrypted user data using scalable SQL database structures
• Ran Linux servers and patched them with DDOS and Botnet secure IP tables
• Managed 8 employees which helped the brand become famous and reach 270,000 users
- 2016 **Computer Science Mentors** csmentors.berkeley.edu
• Facilitated the fluidity of introductory CS courses at Berkeley by providing group as well as one-on-one tutoring sessions for struggling students
• Taught small classes geared towards cultivating interest in CS as a Senior Mentor

activities

- 2015 - 2017 **UNICEF at Berkeley** Vice President - unicef.berkeley.edu
• Organized community events and designed apparel to raise funds for families in need
• Gathered an enthusiastic group to renovate our club and advocate UNICEF's mission