

ORKUN KRAND

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EDUCATION

M.S. Computer Science (GPA: 3.77/4.00)

May 2018

Old Dominion University

Norfolk, VA

B.S. Industrial Engineering (GPA: 3.00/4.00)

May 2014

Southern Illinois University Edwardsville

Edwardsville, IL

Istanbul Technical University

Istanbul, Turkey

RELEVANT COURSE PROJECTS

Web Programming

Created a Stack Overflow clone using PHP, Javascript, Bootstrap, and SQL.

Mobile Sensing in Smart Cities

Developed a watchOS app to collect accelerometer and gyroscope data using Swift 4. Data was later used to detect whether a user is running or cycling for use in triathlons.

App Development for Smart Devices

Created a friend finding Android app that connects users based on preferences and location. It is written in Java and utilizes Firebase, Facebook API, and the Google Maps API.

WORK EXPERIENCE

Full Stack Developer

September 2017 - Present

Old Dominion University - Center for Learning and Teaching

Norfolk, VA

Improved school's online learning platform. Architected new workflows, back and front end, using JavaScript, PHP, Twig, MongoDB, Docker, and Git. Mainly worked on forms that let instructors create and manipulate quizzes. Occasionally filled in for the scrum master.

Head Teaching Assistant

August 2016 - May 2017

Old Dominion University - Department of Computer Science

Norfolk, VA

CS 250 - Programming and Problem Solving II (Advanced C++)

Created new assignments and projects that teach the concepts of class, structs, lists, vectors and more. Coordinated other teaching assistants. Helped enhance the learning experience of students via office hours and weekly in-class sessions.

.Net Developer

July 2014 - November 2015

Amsted Rail

Granite City, IL

Developed web applications that keep track of processes such as machine run times, and tool wear.

SKILLS

OOP: C++, Python, Java

Web: PHP, C#, JavaScript, jQuery, AngularJS, Bootstrap

DB: SQL, NoSQL

Other: Linux, Git

Life: Fluency in Turkish, maintenance and repairs on cars and motorcycles