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 app in Android that connects users based on preferences and location.

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 plant processes such as machine run times, perishable consumption, and tool wear.

SKILLS

OOP:	C++, Python, Java
Web:	PHP, C#, JavaScript, jQuery, AngularJS, Bootstrap
DB:	SQL, NoSQL
Other:	Unix, Git
Life:	Fluency in Turkish, maintenance and repairs on cars and motorcycles