

Selcuk Toklucu

Hands-on, ever-curious software engineer with a background in scientific research. I take a scientific approach to solving problems. Seeks the best solution in engineering aspects to create end-user products with the best UX!

DEVELOPER EXPERIENCE

General Assembly, Boston — *Software Engineer In-Training*

MARCH 2019 – JUNE 2019

Software Engineering Immersive Program, includes 480+ hours of coding in a twelve-week period and **four software projects**:

- **Simply Traffic:** Full Stack web application for displaying public areas and demonstrating nearby attractions and commuting information, i.e. live traffic data and estimated ride fee with Uber.
</> React.JS, Ruby on Rails, AWS S3, Google Maps API, Uber API, PostgreSQL, ES6, Bootstrap and more!
- **Pic-Bucket:** File storage web application for users to store their files into the cloud and access anywhere. Team of four, acted as team leader and designed RESTful APIs and integrating with the front-end.
</> JavaScript, Node.JS, Express.JS, MongoDB, AWS S3, jQuery and more!
- **MyLists:** Full Stack web application allows the user to create their own task lists including steps and session management. Includes two Ruby on Rails resources featured with PostgreSQL
</> Ruby on Rails, JavaScript, Handlebar.JS, PostgreSQL, SaSS, jQuery, Bootstrap
- **Tic Tac Toe:** Front-end web application, includes user authentication and game recording with API interactions. Designed with Bootstrap & jQuery
</> JavaScript, jQuery, HTML, Bootstrap

Southern New Hampshire University, Manchester — *Class Projects*

JANURY 2017 – MARCH 2019

During Master of Science in IT program, created several class-level projects

- **POS Pizza Tracking system:** A desktop application able to track pizza orders & drivers for a pizza shop, partnered with IV Adelphia Inc.
</> C#, MS-SQL, .Net Framework
- **Mobile Application:** An Android application for a POS system to notify clients and gather data from users. Featured with Google's mobile and web application platform Firebase. It provides Authentication, Database, and Data Storage for the app.
</> Java, Firebase, Android

ADDITIONAL EXPERIENCE

Kırıkkale University, Kırıkkale/ Turkey — Project Research Specialist

SEPTEMBER 2012 - JUNE 2015

Cell culture lab, preparation of samples for cell proliferation tests. Tracking and reporting results to the central research lab management and the client. Duties include researching and applying methods to the samples.

Aydın Transformer & Coil, Ankara/ Turkey — Tech Team Manager

AUGUST 2008 – DECEMBER 2015

Import-Export management for a machinery field, configuration and optimization of production line. CNC machinery coding and configuration. Optimization of production line for the end user experience.

Greater Boston Area

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SKILLS

Languages & Version Control

JavaScript

Ruby

C#

SQL

HTML5

CSS3

AJAX

Git/ GitHub

Java

Heroku

Libraries & Frameworks

React.js

Express.js

Rails

Node.js

MongoDB

Mongoose

PostgreSQL

MS-SQL

Handlebars

jQuery

EDUCATION

Southern New Hampshire University, Manchester

M.S. Information Technology

JANUARY 2017 – MARCH 2019

Concentration in Software Development

Kırıkkale University, Kırıkkale

M.S. Biology

SEPTEMBER 2012 – JUNE 2015

Thesis: Production and In-Vitro Application of Chitosan Based Hydrogels for Hard Tissue Engineering

ACHIEVEMENTS

Google Certificates:

- Google Cloud Platform: Core Infrastructure
- Sys Admin and IT Infrastructure
- IT Security
- Operating systems
- Computer Networking
- Tech Support Fundamentals

INTERESTS

- Raspberry Pi Projects
- The Outdoors
- Road Trips
- Electronic Hobby Projects