MARCEL R. MARKI

marcelmarki1@gmail.com | (207) - 975 - 1489

Experience

Coding Teacher
The Coding Space
New York City, New York

October 2016 - Now

- Taught students how to program games and websites using HTML, CSS, Javascript, and Scratch.
- Guided students through the debugging process using the Socratic Method.

Software Engineer
Software Development Intern
Tyler Technologies
Falmouth, Maine

June 2015 - April 2017
May 2014 - August 2014

- Designed and built the SQL backend for our ERP product's biggest contracted modification: a suite of new bank reconciliation programs.
- Built new web applications using AngularJS, Bootstrap, C# .NET, and SQL.
- Worked closely with members of the UX, QA, Support, and Implementation teams.
- Collaborated with the client to help them launch on time and under budget.
- Modularized and improved existing legacy code for our ERP product.
- Normalized existing tables in the SQL database; improved clients' data integrity using SQL triggers.
- Sped up existing accounting process runtime from 20 hours to 2 minutes.

Research Assistant
Laboratory for Surface Science and Technology
University of Maine, Orono, Maine

August 2012 - August 2013

- Designed, built, and characterized testing space for dynamic pressure sensors.
- Used MATLAB to analyze physical characteristics of the testing space and proved the reliability of the test chambers.

Teaching Assistant
Electrical and Computer Engineering Department
University of Maine, Orono, Maine

September 2012 - May 2013

- Taught First-Year Students fundamental programming, technical writing, circuits, and robotics.

Languages & Sofware

Adobe Illustrator, Adobe Experience Design, Javascript, jQuery, AngularJS, Bootstrap, HTML5, CSS, Git, Microsoft Visual Studio and Python

Skills

Visual Storytelling, Paper Prototyping, Responsive Design, Icon Design, UI Design, Usability Tests, Product Design, Personas, Typography, Grid Systems, and Information Architecture

Education

Bachelor of Science: Computer Engineering
University of Maine, Orono, Maine — GPA 3.7, May 2015

Honors

- Treasurer of Tau Beta Pi Engineering Honor Society **2014 - 2015**
- Alton S & Adelaide B Hamm Scholarship **2014 - 2015**
- Kepware Technologies Scholarship **2013 - 2014**
- Eta Kappa Nu Electrical and Computer Engineering Honor Society Member **2013 - Now**
- Treasurer of Tau Beta Pi Engineering Honor Society **2014 - 2015**
- Presidential Scholar Award, Spring Semester **2012**