MARCEL R. MARKI

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

Experience

Coding Teacher
October 2016 - Now
The Coding Space
New York City, New York

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

Software Engineer
June 2015 - April 2017
Software Development Intern
May 2014 - August 2014
Tyler Technologies
Falmouth, Maine

- 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
August 2012 - August 2013
Laboratory for Surface Science and Technology
University of Maine, Orono, Maine

- 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
September 2012 - May 2013
Electrical and Computer Engineering Department
University of Maine, Orono, Maine

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

Languages

Javascript, jQuery, AngularJS, Bootstrap, HTML5, CSS, C# .NET, C, and Python

Software

Adobe Illustrator, Adobe Experience Design, Git, Jira, Microsoft Visual Studio, SQL Server Management Studio, Virtual Machines, and Android Development Studio.

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**