

# MARCEL R. MARKI

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## Languages

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

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## Software

Microsoft Visual Studio, Sublime Text, SQL Server Management Studio, Git, Adobe Creative Suite, Jira, Virtual Machines, Android Development Studio, and Brackets

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## 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.

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### 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.

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### 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.

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### 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.

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## Education

### Bachelor of Science: Computer Engineering

University of Maine, Orono, Maine — GPA 3.7, May 2015

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## Honors

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