MICHAEL SOLLAZZO

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Education

University at Albany, SUNY
Bachelor of Science in Computer Science Degree   08/2018 - 05/2020
GPA: 3.46
Orange County Community College
Associate of Arts Degree: *Liberal Arts – Math and Science*   08/2016 - 05/2018

Skills

Familiar: MySQL, Express, Mongoose, MongoDB, jQuery, AWS: S3 & EC2
Intermediate: HTML5/CSS3, Java, Git, JavaScript, React, Bootstrap, Microsoft Office Suite

Projects

Software Engineering Term Project
Building a personal profile page that features many of my personal interests. The frontend uses React.js combined with Bootstrap. It is served using Node alongside express. Data is stored in MongoDB and managed with Mongoose ODM. The site is deployed on an AWS EC2 using Nginx and stores images in an S3 bucket. Project was designed with Volere SRS, MVC and Use Case Diagrams. http://ec2-3-17-26-49.us-east-2.compute.amazonaws.com/

Rate My Dorm
In one semester I built a web-based application with a team of 3 that allows students to leave a rating for dorms they have previously lived in. Project was managed with Agile Methodology. I worked on the frontend using React.js combined with bootstrap. Our team is collaborating using Git, Slack and Trello. https://ratemydorm.418y.tk/

Misty II
Worked with team on an industry project for Living Resources. Our goal: Program Personal Assistant Robot to help Developmentally Disabled Individuals. We built a web user interface that staff members at Living Recourses can use to interact with Misty and the residents. The web user interface demonstrates our use cases: affect questionnaire, facial recognition and sleep prevention. We used Misty's REST API, JavaScript and MongoDB for this project.
https://github.com/sollazzo08/misty-albany-499

Java Projects
Implemented a generic stack for the 24-Point Card game. Implemented a binary search tree for an address book. Practiced use of Object-Oriented Programming, Java Docs, and UML Design.

Work History

HTML5/CSS3 Tutor – *Self-Employed*, Albany NY   10/2019 - 12/2019
Taught the basics of how to build websites using HTML5 and CSS.

Math Tutor – *Orange County Community College*, Middletown NY   10/2017 - 05/2018
Assisted students with a range of math topics, including: College algebra, Trigonometry
and Calculus I & II.

Electrician Apprentice – *Electrical Corp.*, Middletown NY   08/2015 - 08/2017
Installed and wired electrical hardware, including junction boxes, service panels, electrical
boxes, switches and circuit breakers.

Stock Associate – *Lacoste*, Central Valley NY   08/2011 - 12/2013
Stocked and replenished merchandise according to store merchandising layouts.