WEBSITE
rajahbimmy.github.io

MOBILE
(845) 849 - 5942

EMAIL
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Dennis McDaid

Creative software developer who understands how to design and assemble programs through code and communication. Experience in building projects from scratch as well as optimizing the existing work of others.

EXPERIENCE

WEB DEVELOPER
New York University
New York, NY
04/2015 - Present

Engineered CRUD applications through usage of MVC structure and MySQL databases.
Partnered with University administrators to successfully construct their vision for school-wide applications.
Developed a Public Perception Forecaster, utilizing IBM Watson's natural language processor to visualize sentiment across social media.

RESEARCH ASSISTANT
VirtualPlant
New York, NY
10/2015 - Present

Overhauled the port of a gene analysis program from Java legacy code to browser-friendly JavaScript.
Transformed existing Java hierarchies using require.js, d3.js, as well as open-source implementations of data structures.

TEACHING ASSISTANT
NYU Courant
New York, NY
08/2015 - 12/2015

Introduced fundamentals of Web Development to beginners, specifically responsiveness and the use of JavaScript libraries.

LANGUAGES

JavaScript (Proficient)

Java (Proficient)

C# (Frequent Use)

Python (Frequent Use)

Obj-C (Some Experience)

C (Some Experience)

EDUCATION

NEW YORK UNIVERSITY, Class of 2016
Bachelor's Degree, Software Development
Web Applications and Programming Minor
GPA: 3.7/4.0

RELEVANT COURSEWORK
iOS Development, Natural Language Processing, Database Design and Web Implementation, Data Structures, Operating Systems

RESOURCES

Git/GitHub

HTML5/CSS3

MySQL/MSSQL

MongoDB

ASP.NET MVC

Alchemy API

SELECTED PROJECTS

Sungear (2015 - 2016)   *rajahbimmy.github.io/Sungear-Port*
Chris Poultney's gene analysis program, ported from Java to JavaScript.

p5 Pong (2015)   *rajahbimmy.github.io/p5-Pong*
Reconstruction of the classic "Pong" game, utilizing p5 and JavaScript.

Attitune (2016)   *github.com/carteryu/Attitune*
Using Spotify's playlist API, Attitune identifies recurring themes and behaviors a user exhibits through analysis of lyrical content.