

John Sweeney
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Website: j1.io
GitHub: jswny

EDUCATION

University of Massachusetts Amherst

May 2019

B.S. Computer Science

Commonwealth Honors College - GPA: 3.41

Relevant coursework: data structures, programming methodology, cyber security, calculus I & II.

Wilton High School - Wilton, CT

June 2015

GPA: 3.73

Colt Award for Excellence, honor roll: 4 semesters, high honor roll: 4 semesters.

Relevant coursework: problem solving with computers, advanced graphic design.

Vassar College - Poughkeepsie, NY

Summer 2014

Java programming

International House - Madrid, Spain

July 2013

Certified Spanish coursework

PROJECTS (Available on GitHub)

OakYak - Asynchronous social forum app using using Mongo and Meteor.

SudokuSolver - Arbitrary Sudoku board parser and solver written in Scala.

Hanoi - Towers of Hanoi solver in Java.

SortingKata - Heapsort, quicksort, and insertion sort in Java.

Microscope - Microscope news app project from Discover Meteor.

MazeSearch - Maze searching algorithm with breadth-first and depth-first functionality.

SKILLS

Programming Experience: HTML, CSS, Java, Python, JavaScript, PHP, Scala, and VB.NET.

Frameworks & environments: Linux, HTTP, SQL, MongoDB, LAMP, MEAN, Express.js, Apache, NGINX, Passenger, Meteor.js, Node.js, Bootstrap, NPM, and Photoshop.

Collaboration, Git, project management, unit & integration testing, and algorithm design/analysis.

Responsive design, SEO, graphic design, logo/brand creation, penetration testing, attack mitigation, and CDNs.

EXPERIENCE

Wilton Public Schools Information Technology

May 2015 - August 2015

Deployed new hardware to entire school, systems administration, network and infrastructure management.

Caraluzzi's Market - Cashier

September 2012 - May 2014

Pastehistory - Freelance

Freelance website, backend, and API design, large managed database, 1,000 daily users, acquired by Pastebin.com in February. Created paste mirroring app with parsing, archiving, & dynamic indexing.

NPM Publication

Published multiple NPM modules.