

Matthew Del Signore

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Experience

1010data - UI Developer

(January '17 -)

- Implemented a Midnight Commander inspired File Manager for tables and items in our Web UI
- Used Mathematica to implement interactive charts for our application development platform
- Created K and Javascript based components such as a draggable control and file tree viewer
- Wrote automated tests for our GUI using Selenium's Python bindings
- Responsible for screening and interviewing candidates for our Software Engineering Internship program

1010data - Developer Intern

(June '16 - August '16)

- Created a tool to edit workspace variables in 1010data's web platform
- Added Javascript based charting tools to our developer platform

Hewlett Packard - UI Development Intern

(June '15 - Aug '15)

- Implemented search functionality with a 46ms response time in the web based server management console.
- Performed code reviews on Java based Selenium UI testing code.
- Refactored the Python code driving system alerts and tasks.

Education

Stony Brook University

(2013-2017)

B.S. in Computer Science, Minor in Engineering Entrepreneurship
Dean's List, President's Scholarship, and MSG Varsity Scholarship

Walt Whitman High School

(2009-2013)

Advanced Regents Diploma with a Science Specialization
President of FIRST Robotics Competition Team 2161

Activities

- *Mentor* for FIRST Robotics Competition Team 2161
 - Taught LabView and electronics to high school students
- *Treasurer* for Stony Brook Computing Society
 - Mentor at UnHackathon, a hackathon organized by the SBCS

Programming Languages

- Javascript
- Java
- K
- Python

Technical Skills

- Bash
- Selenium UI Testing

Relevant Class Work

- CSE 320-Systems Programming II
- CSE 307-Programming Languages
- CSE 353-Machine Learning
- Codepath iOS Course

Projects

- *Codo* (2017)
 - Javascript teaching tool created for my Senior Project
 - Spring Boot backend with a React frontend
- *SongWritr* (Unhackathon 2014)
 - Won the Viacom sponsored award for Most Innovative Hack Around Accessing and Creating Content
 - Manipulates the HTML5 canvas to create sheet music and guitar chord sheets
- *Fudge* (Codepath)
 - iOS App for sharing and storing recipes
 - Parse Backend for storing and loading the data and user accounts