

MATTHEW J. MARTIN

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EDUCATION

Colby College, Waterville, ME

Bachelor of Arts, May 2018

Double Major: Computer Science and Government

Overall GPA: 3.85/4.00

Honors: Dean's List Fall 2014, Spring 2015, and Fall 2015

CS Major GPA: 4.00/4.00

Relevant Coursework: Data Structures and Algorithms, Data Analysis and Visualization, Parallel and Distributed Processing, Introduction to Computational Thinking, Computer Organization, Interactive Digital Media, Computer Game Design, Linear Algebra, Multivariable Calculus

PROGRAMMING EXPERIENCE AND PROJECTS

Web Development

Personal Site, *Sole Developer*

2016

- The domain matthewmartin.me is constantly updated with recent work and projects

Android App Development

Easy Calculator, *Sole Developer*

2015

- A user-friendly calculator for Android devices made with modern design in mind

Easy Flashlight, *Sole Developer*

2014

- An easy to use flashlight for Android devices

Python Development

Music LED Controller, *Sole Developer*

2015

- Reads and analyzes music played through a Raspberry Pi
- Displays a visualization of the frequencies via an LED strip

Holocene Hero, *Audio Engineer*

2015

- Adventure game made with Python's Pygame package
- Organized sound effects as well as contributed to coding in a group setting

Source code for all projects is available on **GitHub** at: github.com/mjmartin23

CODING SKILLS

Skilled in:

- Java
- Python
- HTML/CSS

Experience with:

- C
- Javascript/jQuery
- VHDL & VLSI Design

Familiar with:

- C++
- Windows
- Linux

EMPLOYMENT

Teaching Assistant, **Colby College Computer Science Department**

2015 – present

- Assist students with their computer science projects during class and outside of class

Tennis Instructor, **Barnstable Yacht Club**

2011 – present

- Teach tennis to students from age 3 to 17 in the summer, organize daily lessons

ACTIVITIES

Member, Colby Hackers

2015 – present

Member, Colby College Class Council

2015 – present

Member, Colby College Varsity Tennis

2014 – present