Matthew J. Martin

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EDUCATION

Colby College, Waterville, ME — **Bachelor of Arts, May 2018**
Majors: Computer Science and Government, *Minor*: Mathematics — **Overall GPA: 3.81/4.00**
Honors: Dean's List: Fall 2014, Spring 2015, Fall 2015 — **CS Major GPA: 3.95/4.00**
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

Research

Cost to Change: Agile vs. Waterfall, *Lead Researcher* **2016**
- Conducted research into the hypothesis: "Does the cost to change in an Agile project really stop increasing over time when compared to traditional development styles?"

Web Development

Personal Site, *Sole Developer* **2016**
- The domain matthewmartin.me is consistently 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

Advanced Data Visualization, *Co-Developer* **2016**
- A fully functional data visualization application that uses computer vision techniques to allow the user to manipulate the data using their hands
- The user is able to pan, scale, and rotate the data simply by moving their hands in front of the screen

Music LED Controller, *Sole Developer* **2015**
- Analyzes music played through a Raspberry Pi, displaying a visualization of the frequencies via an LED strip

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

CODING SKILLS

EMPLOYMENT

ACTIVITIES