

Steven Hanna

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Third year Computer Science student. Passionate about computing, design, and development. Strong interpersonal skills for working in a team and successfully completing a project.

Education

Academic Qualifications.....

- **Syracuse University College of Engineering and Computer Science** **Syracuse, NY**
Computer Science, Renee Crown Honors *2015 – current*
GPA: 3.482 / 4.0
Deans List - Fall 2015, Spring 2016, Spring 2017, Fall 2017

Relevant Coursework.....

- **Data Structures:** Abstract Data Structures, Algorithm Analysis, Object-Oriented Programming in Java
- **Intro. Object Oriented Design:** Fundamental software design concepts of functional decomposition and object-oriented design in C++
- **Software Specification and Design:** Software requirements analysis, development of specification, and specification documents
- **Programming Languages, Theory and Practice:** Environments, stores, scoping, functional and imperative languages, modules, classes, data encapsulation, types, and polymorphism
- **Computer Organization and Programming Systems:** Assembly language, computer organization and architecture
- **Software Implementation:** Implementation and extended development of software systems
- **Analysis of Algorithms:** Dynamic Programming, algorithm efficiency, graph theory
- **Operating Systems:** Kernels, filesystems, memory allocation techniques
- **Access Control, Security and Trust:** Ensuring access, virtualizable, proving safe systems

Technical and Personal skills

- **Programming Languages:** Proficient in: TeX, Java, JavaScript, HTML, Node.js, Git, CSS, Python
Also basic ability with: C++, Bash, Android Development

Previous Employment

- **Freelance Webdesign / Development** **Chicago, IL**
Design and Development *March 2014 – Current*
Created and maintained several websites, including personal blogs with a full integrated backends, and well as beautiful personal portfolio sites.
- **The Daily Orange** **Syracuse, NY**
Web Developer *September 2017, December 2017*
Responsible for design, implementation, and overall site health of a large student run newspaper with millions of page views every year. <http://thedailyorange.com/>

Notable Projects

- **Ritmico:** 'Redefining how music teachers and students communicate' <https://ritmico.xyz>
Ritmico is a web platform that increases the communication between music students and teachers by providing an online commonplace to exchange messages, record practice times, and edit lesson notes. Coupled with powerful statistics, teachers can better understand their students learning needs, creating better musicians.
- **Proton** 'A streamlined Markdown Editor' <http://stevenhanna.github.io/proton/>
Designed and implemented a Markdown Editor that can render and export Markdown as HTML, or as a PDF. Built on top of the Electron framework.