ALEXANDER FERRARA

182 Sixth Street NW, Atlanta, GA 30313 | aferrara3@gatech.edu | 678-749-8826
AlexanderFerrara.com

OBJECTIVE

I am seeking an internship position to further extend my range of skills and gain additional experience working in a field relevant to my studies. Some level of hardware development exposure is preferred but not required.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, GA**

School of Electrical and Computer Engineering   *August 2013 – May 2017*

84 credit hours completed   *3.41 Cumulative GPA*

WORK EXPERIENCE

Booz | Allen | Hamilton   **Atlanta, GA**

Developer Intern   *May 2014 – September 2015*

Completed work full-time during summer semesters, as well as half-time throughout primary academic semesters

- Contracted with the Center for Disease Control and Prevention, working directly on client projects.
- Developed skills with numerous new programming languages and vastly expanded my skillset.
- Worked on multiple project teams utilizing the agile methodology.
- Gained experience working on projects through various stages of a software performance lifecycle (EPLC).
- Contributed source code directly to multiple key internal applications for client.

Georgia Institute of Technology   **Atlanta, GA**

Undergraduate Teaching Assistant - Digital Design Laboratory   *August 2015 – Present*

Course focused on rapid prototyping of digital systems and FPGA design

- Facilitating lab section - aiding students and providing work completion verifications.
- Assisting students with any technical or conceptual difficulties which may arise.
- Resolving hardware issues or redirecting to appropriate technical support channels.

Undergraduate Research - Idea to Prototype Program   *August 2015 – Present*

Working as a member on Team Haplit

- Providing electrical hardware expertise in development of device aimed to improve literacy rates among the visually impaired population.
- Developing a portable, cost-effective refreshable braille display to be used as a braille teaching aid.

SKILLS AND INTERESTS

Proficiencies:	C++, Digital Logic Design, MIPS Assembly, jQuery, JavaScript, Java, C, HTML, CSS3
Experience with:	MATLAB, VHDL, Signal Processing, C#, SQL, ASP .NET, Python
Personal Skills:	Leadership, Organizational, Multi-tasking, Adaptable, Fast Learner
Volunteer:	Atlanta Mission**,** Seven Bridges, Missionaries of the Poor (Kingston, Jamaica)
Awards Received:	Eagle Scout, Zell Miller Scholarship Recipient, International AP Scholar
Involvement:	Greek Peer Educator**,** Kappa Sigma Fraternity member