

DOMINIC A. OTTAVIANO II
dominic@ottaviano.me • (404) 539-5624

- U . S . C i t i z e n -

OBJECTIVE

Georgia Tech graduate seeking a full time position in the computer engineering field for a company whose mission includes, but is not limited to, electrical and embedded design, providing me with an opportunity to apply and grow my technical skills.

EDUCATION

2013 – 2015 **Georgia Institute of Technology** Atlanta, GA

- B.S. Computer Engineering
- Overall GPA: 3.14/4.0

2010 – 2012 **Southern Polytechnic State University** Marietta, GA

- Regents' Engineering Transfer to Georgia Tech for Computer Engineering.
- Overall GPA: 3.36/4.0

SKILLS

- Experience using microcontrollers in formal design projects using various sensors and mechanical outputs as well as implementing control systems logic.
- Familiar with controller protocols including SPI, I²C, Serial/UART, and many more.
- Exposure to Software Defined Networking and various networking protocols including OSPF, BGP, and others on Cisco and Juniper systems.
- Experience with C/C++, PHP, HTML, and MATLAB with exposure to VHDL, SQL, and CSS.
- Proficient with Windows, Linux, and Mac operating systems.
- Capable in production software suites including Keil uVision, Code Composer Studio, Photoshop, After Effects, Premiere, and Acrobat as well as the Microsoft Office software suite.

PROJECTS

December 2015 **Worker Saftey and Monitoring System** Georgia Tech

- Used microcontrollers to meet design requirements of many puzzles. Designed C/C++ firmware to control various props creating an immersive user experience.
- Developed a C# software suite that enables the operators to view and manage the customers as they interact with and explore the escape rooms. Created virtualized servers that provide authentication and handle requests for information as well as keeping information on all machines in sync.

December 2015 **Worker Saftey and Monitoring System** Georgia Tech

- Designed a system for real time tracking of a variable sized array of node devices.
- Developed firmware in C/C++ for an ARM MCU embedded in a custom designed PCB.

EXPERIENCE

2017 – Present **Paranoia Quest** Buford, GA

Computer/Electrical Engineer

- Develped C/C++ firmware for MCUs to provide logic and control to various interactive devices.
- Create a C# software suite for staff to manage the customer's experience.
- Created the company network using virtualized Linux servers. Provided RADIUS authentication for both network and user access. Centralized information to keep company terminals in sync.

2013 – 2017 **Mix Books, LLC** Lawrenceville, GA

Electronic Publishing Specialist

- Prepared books for digital and print distribution on a variety of eBook readers.
- Created graphic content for publications using Adobe Photoshop, After Effects, and Premiere Pro.

2011 – 2013 **Metro Atlanta YMCA** Marietta, GA

Membership Sales Associate