

## SOFTWARE ENGINEER

### Professional Profile

Positive, passionate, reliable, and persistent, individual who looks to make an impact on the world. Graduated Magna Cum Laude and continues learning new tools outside of work. Over 3 years of programming capable of learning new languages quickly. Capable of working alone, but also communicates well in team environments.

### Education

*Master of Science in Computer Science, 2019 - Georgia Institute of Technology, Atlanta, GA GPA: 4.0*  
*Bachelor of Science in Electrical Engineering, 2014 - University of Central Florida, Orlando, FL GPA: 3.8*  
**Fall 2017 Schedule:** Software Architecture and Design & Database Systems Concepts and Design

### Technical Skills

**Languages:** Java, C, HTML, CSS, Javascript, SQL, Python  
**Frameworks:** Junit, Android, Picasso, some experience in Django and Node.js  
**Applications:** Android Studio, Atom, Linux command line, GIT, IntelliJ IDEA  
*Education in Object oriented Design, Data structures, and Algorithms.*

### Software Portfolio/Classwork Highlights

Full list of projects available on [www.Richie-ee.com](http://www.Richie-ee.com)

#### Cryptogram Android Game (Summer 2017)

- Android application created in a team of 4 in the Software Development Process class.
- Tools used: Android Framework, TDD, Black Box Testing, UML class diagram, Documentation, Google Hangouts (Team Meetings), Agile Development.

#### Cross-Site Request Forgery, Cross-site Scripting, and SQL Injection Attacks (Spring 2017)

- Intro to Information Security Spring 2017 Georgia Tech
- Bypassed Security defenses and crafted attacks the user would not suspect as malicious.
- Used HTML, Javascript, PHP, MYSQL in a virtual environment to attack a payroll website.

### Work Experience

#### Amped I LLC

#### Chicago, IL

Electrical Engineer

April 2015- April 2017

- Worked under several teams of 2-5 engineers and for over 5 different clients.
- Upgraded 12kv Feeders, fiber communication, and digital fault recorders.
- Helped start the drawing request intranet site using PHP, SQL, HTML, and CSS.

#### St. John's Optical Systems

#### Sanford, FL

Electrical Engineer Intern

Dec 2013- April 2015

- Worked under senior Electrical Engineers and Physicists developing prototypes dealing with laser imaging and infrared products.
- Designed Printed Circuit boards, soldered, tested hardware and lasers.

#### University of Central Florida

#### Orlando, FL

Research Assistant

May 2013-Dec 2013

- Aided graduate students in the research of Surface Acoustic Waves.
- Prepared metal deposits and tested devices in the School's clean room.

**Professional References available upon request**