

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: 3.5
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

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