**Richard G. Wendel, III**

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**Objective:**

Seeking a summer internship to strengthen my coding and electronics skills in a team environment.

**Education:**

**University of Illinois at Urbana-Champaign, GPA: 3.96**

**Major: Computer Science; Minor: Electrical Engineering**  *B.S. expected May 2019*

Current Coursework: CS 233: Computer Architecture, ECE 110: Intro to Elec., PHYS 212: Elec. & Mag.

Completed Coursework: CS 125: Intro to CS (A), CS 196: Freshman honors project: (A)

CS 173: Discreet Structures (A-), CS 225: Data Structures (A)

**National High School Game Academy, Carnegie Mellon University**  *June–August 2014*

NHSGA is a six week program at Carnegie Mellon University. Exposed to the artistic and technical side of the video game industry. Worked in teams as a lead programmer to create three video games, programming in C# in the Unity Game Engine.

**Work Experience:**

**Summer IT Intern,** **Goodyear Tire & Rubber Company, Akron Ohio**   *May–August 2016*

* Learned how to use the SharePoint Client API to design custom SharePoint solutions in C# and JavaScript to solve internal needs.
* Created general user documentation for a worldwide deployment of a new OneDrive client.

**Summer Intern,** **INTERalliance of Greater Cincinnati working at Procter & Gamble** *June–August 2015*

* Learned JavaScript to use Google Apps Script to interact with sign-up data from a Google form. Integrated the sign-up data into a visualization using Google Maps v3 API, resulting in a scalable and automated process of displaying sign-up information.

**Activities:**

**Electronics Lead, Illini Hyperloop RSO**  *June 2016–Present*

* Competing in the SpaceX Hyperloop Pod Competition
* Developed the frontend LabVIEW GUI for displaying pod status and sensor data during flight.
* Extensive work with on-board sensors, controls, hardware, computers, C++, and Python.
* Teacher of a Hyperloop informational class at Illinois SAIL, an annual outreach and showcase program, exposing high school kids what it is like to be a computer science student.

**Treasurer for the UIUC Bitcoin Club**  *July 2016–Present*

* A newly formed UIUC club focusing on the discussion and application of cryptocurrency and block chain technology in everyday life.
* Planning and building a fully-functioning cash based Bitcoin ATM.

**Social Media Chairperson**, **South West Ohio HOBY** *October 2013–June 2016*

* HOBY (Hugh O'Brian Youth Leadership), is a national youth leadership organization focused on voluntarism, hosting annual 3-day seminars. After attending, returned to volunteer twice.
* Responsible for videography, social media, and the SWOH website: www.hobyohio.org/sw/

**Languages & Skills**:

**Proficient in:** C++, LabVIEW, Java, JavaScript

**Certified LabVIEW Associate Developer**

**Comfortable with:** C, C#, Python, CSS, HTML, Linux, Arduinos/Pis/Beaglebones and other small boards