

Grayson Hollaway

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OBJECTIVE

An electrical or computer engineering internship, gaining experience in electrical design or software design; open to relocation.

EDUCATION

The Ohio State University, Columbus, OH

B.S. Electrical Engineering, Computer Engineering Focus

Expected Graduation: Dec. 2022

Overall GPA: 3.736 (4.00 scale)

ENGINEERING CO-OP/INTERNSHIP EXPERIENCE

Lutron Electronics, Coopersburg, PA

RF Engineer Co-op, (incoming) May - August 2022

Vertiv Co., Delaware, OH

Electrical Compliance Intern, May - August 2021

- Developed a mobile application that calculates creepage and clearance distances for design engineers
- Refined programming skills in C# and XAML using Xamarin Forms to create the creepage/clearance application
- Created and deployed a MySQL database to the cloud via web service for login verification and data storage
- Studied electrical safety standards for UPS's and STS's, mainly UL62368 and IEC60950
- Streamlined form submission and user experience on team SharePoint site using Power Automate

Ag. Spectrum Company, Remote

Research and Design Engineer Consultant, May - August 2020

- Designed and prototyped soil monitoring system
- Automated the measurements of farm soil chemistry
- Designed the structure of soil monitoring system with 3D CAD
- Created electrical system to record chemistry of farm soil and log to excel sheet using a microcontroller

RELEVANT SKILLS

- **Programming:** C, C++, C#, Java, MATLAB, SQL, and assembly
- **Hardware:** SOLIDWORKS, AutoCAD, VHDL, FPGA's, PLA's, oscilloscopes, function generators, analog and digital design
- **Laboratory:** TopSpice, Altera FPGA board, Code Composer Studio IDE, and multimeters
- **Technical Communication:** Writing, presenting, and speaking

RELEVANT COURSEWORK

- **ECE:** Digital Design, Systems and Signals, Embedded Systems, and Analog Electronics
- **Math:** Multivariable Calculus, Linear Algebra, Differential Equations, and Discrete Calculus
- **Writing:** Technical Communication and Technical Presentation

ACTIVITIES

- **University Jazz Ensemble:** Alto saxophonist in the university Big Band
- **University Jazz Combos:** Tenor saxophonist in the Jazz-Fusion Combo and Hard-Bop Combo