Stephen Walker-Weinshenker

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in Stephen Walker-Weinshenker
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Education

Batchelor of Science in Electrical Engineering, Graduating: May 2019, GPA 2.64.
Colorado State University, Fort Collins.
Relevant courses completed by Summer 2019:

- Electrical Power Engineering
- Integrated Lighting Systems
- Electrical Energy Generation Systems.

Experience

2017–Present   **Area Engineering Intern**, *Xcel Energy Inc*, Denver, CO.
Helped improve field communications infrastructure for SCADA systems, including radios and IP networks.
Helped implement new Field Area Network using WiMAX and WiSUN wireless technology.

2018–2019   **Senior Design — ECE Senior Design Lab**, *Colorado State University*, Fort Collins, CO.
- Managed Senior Design Lab with 3 person team.
- Worked with facilities department to bring lab facilites up to code.
- Implemented print server for 3D printers.
- Helped support other Senior Design teams.
- Supported and maintained 3D printers and CNC machines.

2014–Present   **Lab Technician**, *Engineering Network Services*, Fort Collins, CO.
Supported computer labs for the College of Engineering at Colorado State University.
- Worked as part of a team to support computer lab users.
- Worked as part of a team to maintain and install hardware in computer labs.
- Worked as part of a team managing computer operating system images and software in labs.

Computer Skills

Windows/Mac/Linux   Proficient in day-to-day usage as well as systems administration.
Programming/Scripting   Basic knowledge of Java, Python, C, Golang and Bash.
eCAD   Proficient in Cadsoft Eagle and KiCAD.
CAD   Proficient in Nemetschek Vectorworks, Autodesk Revit, and Dassault Systèmes SOLIDWORKS.

Professional Memberships

2015–Present   Institute of Electrical and Electronics Engineers (IEEE).

Activities

2016–2018   **President**, *Hashdump: Colorado State University's security club*, Fort Collins, CO.
(Member since 2015)

2016–2017   **President**, *Colorado State University Amateur Radio Club*, Fort Collins, CO.
(Member since 2015). Call sign KE0DZE

Professional Experience and Skills

Systems Security   Enjoy learning about all aspects of security, including physical security and network security. As a member of Hashdump, we won second place at the Rocky Mountain Collegiate Cyber Defense Competition in Spring 2016 and Spring 2018 and third place in Spring 2017.

Systems Integration   Have experience with programming and physical integration of automation controllers and automated devices. I also have experience with automation protocols such as DNP3 and ModBus.

Designing Electronics and Robots   Designed and built a remote controlled vehicle, designed a small belt-mounted computer, as well as several other small electronics projects.