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in Stephen Walker-Weinshenker
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Stephen Walker-Weinshenker

Education

- 2013–Present **Electrical Engineering**, *Colorado State University*, Fort Collins, *Senior*.
Anticipated completion date Spring 2019. GPA 2.64
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 facilities 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 Interests/Skills

- Smart Grid I am interested in smart grid technology and integrating renewable microgeneration with larger generation facilities and energy storage technologies.
- Systems Security I 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 third place in Spring 2017.
- Systems Integration I enjoy learning how buildings and factory lines work and creating proposals for how to make these systems work better. I am interested in learning more about SCADA and PLCs.
- 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.