

## Job History:

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### Collins Aerospace

**Time Frame:** May 2022 - May 2023

**Address:** 1807 13th St NE, Jamestown, ND 58401

**Position:** Electrical Engineering CO-OP

**Description:**

Circuit failure analysis. Finding replacements for obsolete electrical components. Database cleansing and service automation.

**Time Frame:** May 2023 - August 2023

**Address:** Rockwell Collins, Inc. - Building 130, Cedar Rapids, IA 52498

**Position:** Systems Engineering Intern

**Description:**

Systems integration. Development of simulation for system being integrated. Development of radio attenuation network. Work with GPS Receivers.

### IQa Engineering:

**Time Frame:** June 2019 - August 2021 (Summers)

**Address:** 2130 107th Lane NE, Ste. 100, Blaine, MN 55449

**Position:** Controls Engineer Intern

**Description:**

Programming with Mitsubishi Electric controls solutions. Cognex vision systems. Writing custom desktop applications. Creating/maintaining electrical panel drawings. On-sight installation/repairs.

### Taco Bell:

**Time Frame:** October 2017 - June 2019

**Address:** 13057 Round Lake Blvd NW, Coon Rapids, MN 55448

**Position:** Team Trainer

**Description:** customer service, cleaning, making food, and training new employees.

## Education

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### North Dakota State University:

**Major:** Computer Engineering Senior

**Expected Graduation:** May 2024

**GPA:** 3.475 (End of spring 2023)

College of Engineering.

Received Dean's list 3 times.

### Blaine High School:

**Graduated:** June 2019

C.E.M.S. (Engineering Program)

Graduated with high honors

Last Updated 9-20-2023

**Name:** Aaron Weyer  
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## About Me:

I'm a technology enthusiast. I love to learn new things and take on large projects. I always have a project that I'm working on in my free time. Looking to expand my horizons and gain more industry experience! I take pride in my diverse array of interests and talents.

## Projects, Hobbies, and Extracurricular Activities:

### Current

- Server and network management
- Genetic Engineering Corps @ NDSU
- Math Club @ NDSU
- Treasurer of Anime Club @ NDSU
- Rock Climbing Club @ NDSU

### Past

- SAE Formula Electric (Electrical Lead)
- FIRST Robotics (Team Captain & Electrical Lead)
- Petal bike to Electric bike conversion. (DIY, without kit)
- Xbox 360 Kinect Sensor Programming
- Project Car & Project Moped
- Computer Upgrades
- SSI Computer/Game
- 3D Printing

## Skills:

### Technical Skills:

- **Circuit design:**
  - Extremely familiar with circuit design principals
  - Flexible problem solving
  - Circuit testing and failure analysis
  - PCB Design and Validation (DesignSpark PCB)
  - SPICE Circuit simulation (LTspice)
- **Programming:**
  - Python
  - C Programming
  - Shell (BASH) scripting
  - Several proprietary programming languages.
- **Electronics lab tools:**
  - Soldering
  - Oscilloscope
  - Network Analyzer
  - Spectrum Analyzer
- **Server Management:**
  - Debian based Linux (Primarily Ubuntu)
  - Docker
  - Ansible
  - Terraform by HashiCorp
  - Proxmox virtualization environment
  - SQL
  - Document-oriented Databases
- **Other Miscellaneous software:**
  - Closed-Source:
    - Some 3D modeling experience (Solidworks)
    - Microsoft office suite
  - Open-Source:
    - Video Editing (Kdenlive)
    - Libre office suite

## Soft Skills:

- Communication with others to understand problems or requests.
- Collaboration with team members to develop solutions to a problem
- Team leadership and Delegation.

There is a clean copy of this resume in MARKDOWN format here! Either scan the QR code or follow this link!  
<https://github.com/AaronWeyerNDSU/Resume/blob/main/README.md>

