

# LUKE M. BUBAR

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## EDUCATION

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**Associates Equivalent** in Engineering and Computer Science credits from time at Grove City College and Carson-Newman University.

## INTERPERSONAL SKILLS

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- Can translate a list of needs into necessary technical specifications for a project or product
- A good listener and conversationalist
- Friendly and empathetic

## COMPUTER & CYBER SKILLS

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- Extensive knowledge and experience with the GNU/Linux Operating System.
- Managing a real-hardware server remotely using [SSH](#) and VNC. Some of the server applications I use and manage on it include:
  - Several websites, including the [NGINX](#) web-server, as well as writing HTML, CSS, and [PHP](#).
  - An encrypted voice chat server with [Mumble](#), including automatic music bots.
  - A secure [XMPP](#) server with [Prosody](#) for Instant Messaging and Video Calls.
- A [Jellyfin](#) media server that creates a Netflix-like Personal Streaming Platform.
- Several automated computer game servers, including Minecraft and Valheim.
- [Solidworks](#), [Creo Parametric](#), [FreeCAD](#), [OpenSCAD](#)
- [GNU Octave](#) & [MATLAB](#), [R](#), [Rust](#), [C++](#)
- [L<sup>A</sup>T<sub>E</sub>X](#) (This document was written in [L<sup>A</sup>T<sub>E</sub>X](#)), [groff](#)
- [vim](#)/[neovim](#), [Microsoft Office](#) and [Libre Office](#), [GIMP](#), [OpenShot](#)

## MATHEMATICS SKILLS

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- Took Mathematics classes in undergraduate school through Calculus III.
- Use mathematics such as Geometry, Trigonometry, and Algebra on a daily basis in my work as the Senior Engineer at 3DS3.

## WORK EXPERIENCE

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- **Senior Engineer & Senior Salesman** **3DS3**  
**January 2024 -** **40-60 hours a week**
  - Founded this 3D Printing Company.
  - Designed parts for production and sale.
  - Produced Models for Architecture Firms.
  - Repaired and Installed 3D Printers.
- **Additive Manufacturing Engineer; Bench & Field Technician** **CSI of the Southeast**  
**April 2023 - January 2024** **40-60 hours a week**
  - Started the in-house 3D Printing division. Designed and manufactured parts.
  - Worked as a remote technician, driving to job-sites to install, repair, or trouble-shoot low-voltage electronics and digital equipment.
  - Worked as a trouble-shooter of technical issues with QSR (fast-food) employees over the phone.
- **Residential Electronic Technician**  
**2017 -**
  - Worked on call as a general technician for consumer electronics.
  - Serviced printers, mobile devices, desktops, laptops, and sound systems for customers.
  - Performed tasks such as data backup, reinstalling of the OS, driver configuration, device pairing, UI configuration, part replacement, and much more.

◦ **Camp Counselor**

**Camp Hickory Hill**

**June – August, 2015 – 2018**

**3 – 4 weeks each summer**

- Led, protected, and ministered to boys age 10-16 for 5 days at a time in activities such as hiking, canoing, playing air-soft and field sports.
- Followed New York State Safety Protocols in a commercial kitchen, on an 80 ft rock-wall, and a 125 yd long zip-line.
- Cheerfully served food to ~100 campers and ~40 staff members.
- Developed strong interpersonal relationships with the other counselors.
- Gained valuable skills in leadership, risk assessment, patience, and time-management when responsible for others.

**ACTIVITIES**

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◦ **Christian Service Brigade**

**2014 – 2018**

Christian Service Brigade is a Christ-centered Scouts-type organization. I led middle-school-aged boys in sports, practical activities, and bible study every Monday night.

◦ **Church Café Volunteer**

**2013 – 2018**

Cheerfully prepared and served breakfast in the the café at [Watermark Wesleyan](#) for 2 or 3 Sundays each month.

◦ **Varsity Swim Team**

**2014 – 2018 (High School) 2018 – 2019 (Grove City College)**

Practiced for 18 hours a week as part of the [PACs](#) winning team for the 2018/19 season.

◦ **Grove City College Fencing Club**

**2019 – 2020**

Practiced twice a week in the evenings, developing reaction times, agility, strength, dexterity, and general sword skills.

◦ **Church Custodial Volunteer**

**2022 –**

Helped clean [St. Nektarios Orthodox Church](#) by scraping up candle wax, polishing the floors, vacuuming carpets, pulling weeds, etc.