

# Jesse Kramer

COLLEGE STUDENT

## CONTACT

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- 📍 Old Fort, NC

## EDUCATION

High School Degree  
Mother of Divine Grace Catholic  
Homeschool  
2018 - 2023  
GPA 3.73

Associate in Arts  
Mcdowell Technical Community College  
2022 - 2024  
Current GPA 3.73

Linux and CLI Summer Class  
MMother of Divine Grace Catholic  
Homeschool  
2020 (Summer)

Bachelor of Science in Cybersecurity  
Montreat College  
2024 - 2027  
Current GPA 3.73

## CERTIFICATIONS

COMPTIA ITF+  
Comptia  
2023

LIFEGUARD  
American Red Cross  
2022 - 2024

FIRST AID  
American Red Cross  
2022 - 2024

CPR/AED  
American Red Cross  
2022 - 2024

## AWARDS & HONORS

BOY SCOUTS OF AMERICA  
**Eagle Scout**  
2022

Parvuli Dei  
2015

Mile Swim 2021

## SUMMARY

I am currently a student at Montreat and Mcdowell Tech who is majoring in a Bachelor of Science in Cybersecurity. Over the past few years I have researched and educated myself, to varying degrees, in many different technology fields. These topics have ranged from data privacy to quantum computing to parental controls to UX to blockchain security. Additionally, I have also had formal and informal education in philosophy and theology. For my current employment, I have organized my own consultation and technical support business called Alto Solutions. This business is dedicated to helping families in building a more private, secure, and virtuous relationship with technology. In addition to this, I work as a dietary aid and as a Philosophy assistant.

## EXPERIENCE / ACTIVITIES

Eagle Scout / Assistant Senior Patrol Leader / Patrol Leader / Den Chief Leader / Troop Guide

BOY SCOUTS OF AMERICA / 2015 - 2022

- Member of Troops 77, 61, 42
- Obtained the rank of **Eagle Scout** at age 17
- Led troop and patrol in regular activities to further their knowledge of God, country, leadership, and the outdoors.
- Activities included: service projects, camping, rock climbing, First Aid, wilderness survival, plant identification, communication, navigation, and many more.

Diocesan Youth Advisory Council

CATHOLIC DIOCESE OF CHARLOTTE / 2019 - 2023

- Planned and organized the annual, three day (DYC) Diocesan Youth Conference for the Diocese of Charlotte.
- 2019 - 2020 attracted about 30 participants (due to being virtual because of covid).
- 2020 - 21 / 2021 - 23 attracted over **200** participants.
- **Head of tech** committee in 2020 - 2022.
- **Head of liturgy** committee from 2022-2023.

Family and Friend's IT Admin / CISO / Server Admin / Linux Admin / Parental Controls Technician

(No employer, just services for myself, my family, and my friends) / 2019 - Present

- Built, repaired, and **troubleshooted** laptops, desktops, smartphones, printers, routers, and servers.
- Actively administrated and secured multiple family and friends' computers running **Linux**, MacOS, and Windows 10/11.
- Developed privacy and security policies for my family and others, many of which were successfully implemented.
- Built and maintained a multiple home **servers** for nearly two years. These home servers allowed for clearnet access to LDAP, email, Nextcloud, Jellyfin, Calibreweb, Scratch Programming, and various other services connected to a registered domain.
- Extensively researched and implemented device agnostic **parental controls**.

Network Engineer

ARCHANGEL MINISTRIES / 2022-2023 (As-needed)

- Extended the wireless network to other buildings and helped manage the network.
- This involved using routers, access points, extenders, **Ubiquity** Nanostations, and other tools.

Founder / Consultant / Technician

ALTO SOLUTIONS LLC / 2023 - Present

- **Consult** parents and individuals in creating a more private, secure, and virtuous relationship with technology.

2020

## NATIONAL TECHNICAL HONOR SOCIETY

Honor's Student  
2023 - Present

## TRAILBLAZERS CROSS COUNTRY

Best New Male Runner  
2018

## NATIONAL MYTHOLOGY EXAM

Bronze Medal  
2016

## ASHVILLE TRAILBLAZER SWIM

Trailblazer Award  
2019 - 2020  
Trailblazer Award  
2020 - 2021  
Trailblazer Award  
2021 - 2022  
Varsity MVP  
2022 - 2023

## SKILLS

### GENERAL

Confident Written & Verbal Communication

Interpersonal communication

Critical Thinking

Lean Thinking

Problem-Solving

Research & Analysis

Highly Organized

Independent Work/Education

Customer Retention

Product Development

Philosophy

Teaching, Instruction, and Presentation

Performance Arts (juggling, fire-breathing,  
unicycling)

Swing, Waltz, and Contra dance

### TECHNOLOGY SPECIFIC

Troubleshooting

Information Technology (**Comptia**)

Basic Linux Administration

Basic Android (Including ROMs)

Basic Social Engineering

Basic Ubiquity

Basic OSINT

Advanced Anonymity Tools & Techniques

Data Privacy

Digital child protection through Parental

Controls and other tools

- A guided discussion that involves: Understanding the desires of the parent(s), child psychology, threats of the digital environment, and the **5 Layers of Digital Protection**.
- A holistic, custom setup to meet the family's needs.
- Hardware and software set-up and configuration.
- See <https://altosolutions.us/start-here/> **recommendations** and more details.

## Philosophy Assistant

JOYFUL BELLY SCHOOL OF AYURVEDIC / 2023 - Present

- Assist with the development of a three year certification course through the implementation of **Aristotilian** and **Thomistic** principles into health.
- Provide detailed feedback on lecture notes and other teaching material.
- Create and develop definitions, explanations, and examples for philosophical terms and concepts.
- Assist with value creation, target audience, and other **product development** and marketing tasks.

## Dining Aid / Dietary Aid

GIVENS HIGHLAND FARMS / 2021 (Summer), 2023 - Present

- Interact daily with residents who suffer from **dementia** and other **memory challenges**.
- Assisted cooks in the overall appearance of plate (i.e., garnished correct food items, portion size, etc.).
- Cooked, grilled, and prepared various dishes.
- Help prep (actually good) meals for residents on specialied diets
- Assist in carryout meals as necessary
- Operate tools as needed in in the designated area
- Help to maintain cleanliness of the kitchen and dining areas

## VOLUNTEERING EXPERIENCE

### Black Mountain Swing Dance

Founder/Instructor

Black Mountain, NC 2021-2023

### Boy Scouts of America

**Eagle Scout** / Scout Leader / Patrol  
Leader / Cub Scout Thingy  
Ashville/Arden/Black Mountain, NC  
2015-2022

### Trailblazer's Swim

Team Captain

Ashville, NC 2022-2023

### Black Mountain Swim

Assistant Coach

Black Mountain, NC 2017-2021

### Roman Catholic Church

Alter Server

Arden/Marion/Swannanoa, NC 2015-Swannanoa, NC 2015-2023

### St. Margaret Mary's Church

Faith Formation Teacher

Self-Hosting (OS's and Services)

PC Repair and Maintenance