

# Baylor Matney

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## EDUCATION

### Appalachian State University

Bachelor of Science in Computer Science

*Graduation December 2022*

## TECHNICAL SKILLS

**Languages:** Java | C++ | C | Python | JavaScript | HTML 5 | CSS | SQL | Haskell

**Technologies:** Linux | Git | Debuggers | MS Visual Studio | Scrum | Agile

## RELEVANT COURSEWORK

Software Engineering | Data Structures | Algorithms | Client and Server-side Web Programming | Database Assembly | Java | C | Calculus | Linear Algebra | Statistical Data Analysis | Technology Ethics

## PROJECTS

### Facial Recognition Security Camera

- Notification system with motion sensing Raspberry Pi camera including facial recognition component
- An ongoing personal project to pursue additional skills using Python 3

### Y86-64 Simulator

- Designed a Y86-64 processor
- Programmed in C and C++
- Constructed to further understanding of processors

## LEADERSHIP EXPERIENCE AND ACTIVITIES

### Delta Tau Delta Director of Finance

- Instituted an overhaul of the budgetary process to remediate a lack of controls
- Established financial policies to ensure future sustainability
- Investigated and studied causes of the historical budgetary deficit, implementing new collection practices and incentives for brothers to remain active and dues paying while reducing the deficit 50%

### Appalachian State Service Leadership LLC

### Alpine Ski Race Team

## EXPERIENCE

Wahoos Adventure, Todd, NC

*Summers 2021 and 2022*

*Van Driver* - Drove the tube and kayak trailer vans to drop off points and assisted up to 900 customers a day.

Kilwins, Blowing Rock, NC

*Summer 2020*

*Retail Sales Associate*

Forsyth Country Day School, Lewisville NC

*Summers 2016 to 2019*

*Full Time Technology Assistant*

- Worked to diagnose and repair equipment, complete help desk requests, re-image computers, install new equipment and learn key principles of running and setting up networks.