BAYLOR MATNEY

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EDUCATION

Appalachian State University *2018 - Anticipated Graduation 2022*

Bachelor of Science in Computer Science

TECHNICAL SKILLS

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

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

RELEVANT COURSEWORK

Software Engineering | Data Structures | Algorithms | Client and Server-side Web Programming | Database

Assembly | Java | C | Systems | Calculus | Linear Algebra | Statistical Data Analysis | Technology Ethics

PROJECTS

Facial Recognition Security Camera *Raspberry Pi*

- Motion sensing Raspberry Pi camera designed to detect faces and email a picture of the person upon entrance into the building
- Written in Python using Raspberry Pi

Y86-64 Simulator *C Program*

- Designed a Y86-64 processor
- Programmed in C and C++
- Constructed to futher 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 dues-paying and active in the fraternity

Appalachian State Service Leadership LLC

Alpine Ski Race Team

EXPERIENCE

Wahoos Adventure *March-September 2021*

Van Driver *Todd, NC*

- Drove tube trailer vans to drop off points and assisted 500 customers a day

Kilwins *June-August 2020*

Retail Sales Associate *Blowing Rock, NC*

Forsyth Country Day School *Summers 2016-2019*

Full Time Technology Assistant *Lewisville, NC*

- Worked to diagnose and repair equipment, complete help desk requests, reimage computers and install new equipment
- Learned the key principles of running and setting up networks