Abel Phiri

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EDUCATION

University of Arkansas Pine Bluff, Pine Bluff, AR   Expected May 2027
BSc in Computer Science   GPA: 4.0/4.0

Relevant Coursework: Calculus I & II, Computer Science I, Software Engineering, Business Programing

SKILLS AND SOFTWARE PROFICIENCIES

• C++ • Python • Windows Operating system •Microsoft Access •Html & CSS • Microsoft Office

WORK EXPERIENCE & PROJECTS

University of Arkansas at Pine Bluff, Pine Bluff, AR   May - August 2024
 Assistant - Aquaculture and Fisheries Department
- Recorded data on growth rates, feed consumption, water quality, and important metrics.
- Conducted tours and public outreach events at the main station.
- Assisted with paperwork, record-keeping, and administrative tasks.
- Maintained tanks, filters, pumps, and on-site equipment.

University of Arkansas at Pine Bluff, Pine Bluff, AR   Summer 2024
Collaborative Development of Cash Register and Inventory Management System
GitHub Link: Cash Register , A cash register system that calculates prices with a markup, applies sales tax, and updates inventory.
- Implemented pricing logic using Python, applying a 30% markup and calculating subtotals, tax, and final costs to provide accurate billing information.
- Built input validation mechanisms to prevent invalid entries for item details and purchase quantities, ensuring error-free transactions.
- Conducted thorough testing to ensure the system processed transactions accurately and updated inventory correctly.

University of Arkansas at Pine Bluff, Pine Bluff, AR   December 2023
Collaborative Development of Telecom Billing System
GitHub Link: Billing System , A telecom billing calculator that computes monthly bills based on user input, usage, and selected package.
- Designed functionality to compare user-selected packages and recommend cost-saving alternatives based on usage patterns.
- Calculated and applied additional charges for overages and taxes, ensuring accurate and detailed billing outputs.
- Conducted integration testing to verify input handling, package comparisons, and overall billing accuracy.

ACTIVITIES & HONORS

•Student Council, Disciplinarian   •UAPB Chancellor's Scholarship Recipient   •Carolyn F. Blakely Honors Student
•New Seasons Youth Program, Member   •2024 TMCF Meta Scholars   •SIAM Member