Hunter A. Liles

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PROFESSIONAL SUMMARY

Computer Science Undergraduate Researcher at McNeese State University with a focus on software development and immersive technologies. Experienced in C++, Java, and Python with a strong foundation in Object-Oriented Programming and Data Structures. Proven leadership ability as a member of the ACM and Programming Team, seeking to leverage technical skills in a dynamic internship or junior developer role.

EDUCATION

McNeese State University | Lake Charles, LA *Bachelor of Science: Computer Science* | Expected May 2028

- **Key Coursework:** Achieved grade "A" in **Advanced Data Structures & Algorithms** (CSCI 308), and **Object-Oriented Programming in Java** (CSCI 282), and a grade "B" in **Database Management** (CSCI 309).
- **Scholarships:** Don Dixon / Allen Heisser Scholarship, Academic Excellence Scholarship.

TECHNICAL SKILLS

- **Languages:** Java, C++, C, C#, Python, SQL, T-SQL, HTML, JavaScript.
- **Developer Tools:** Git/GitHub, Unity Game Engine, Linux, SQL Servers, LaTeX.
- **Concepts:** Object-Oriented Programming (OOP), VR Development, Data Structures.

RELEVANT EXPERIENCE

McNeese State University (CS Department) | Lake Charles, LA *Undergraduate Student Researcher (VR Development)* | Current

- Selected for a paid research position to develop a Virtual Reality game in collaboration with a three-person development team.
- Utilizing the **Unity Game Engine** and **C#** to design immersive environments and gameplay mechanics.
- Applying software engineering principles to troubleshoot code integration and optimize performance for VR hardware.

PROJECTS

VR Research Project | *C#*

- Developing a VR puzzle game with two other computer science students paid for by McNeese as a research project.
- Currently in early development.

LEADERSHIP & INVOLVEMENT

- McNeese Robotics Club | Programmer
  - Contribute to code development for club robotics projects and competitions in C++
- Kappa Sigma Fraternity | Budget Chairman & Awards Chairman
  - Manage budget allocation and financial tracking for fraternity operations of nearly **$100,000+ per year**
- Association for Computing Machinery (ACM) | Active Member
- McNeese Programming Team | Active Member
- Baptist College Ministry (BCM) | Active Member

WORK EXPERIENCE

Iowa First Baptist Church | Iowa, LA *Media Assistant* | March 2023 – Current

- Direct live audiovisual production, simultaneously managing sound mixing and visual slide projection for services.
- Oversee hardware setup, cable management, and troubleshooting for the media team to ensure zero downtime.

Detailers Detail | Lake Charles, LA *Car Detailer* | May 2022 – Sept 2022

- Executed detailed tasks independently under tight deadlines, maintaining high-quality standards for various vehicle models.