Tate Mouser

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EDUCATION

Western Kentucky University   Bowling Green, KY

Bachelor of Computer Science   Spring 2025
Cumulative GPA: 3.05

Relevant Coursework

Database Management System • Intro to Computer Science I, II • Computer Organization and Architecture • Data Structures • Intro to Unix • Big Data with its Applications • Technology in Society and Business • Web & Game Programming • Programming Languages

CAMPUS & COMMUNITY INVOLVEMENT

Association of Computer Machinery **(ACM)**   January. 2023 to Present
• Connect with peers in technology.

Business Associated for Development (BAD)   March 2022 to Present
• Opportunity to gain insight and ask questions to
   local community business owners.

PERSONAL PROJECTS

Bigram Keyboard Algorithm
   • Trie Data Structure / Prefix Tree, Dictionary (25,000 words), Writing over CSV file.
   • Auto-correct

Online Order Fulfillment
   • Computer Vision, JSOUP, SWT, Selenium Chrome Driver.
   • Improved skills of organizing and maintaining a larger project using object-oriented programming.

(More in-depth summaries and other projects at https://github.com/tatemouser)

TECHNICAL SKILLS

Languages: Java, Swift, Unix, C#, HTML, CSS, Python, C, Haskell, SQLite
Developer Tools: Git, Unity, Firebase, GitLab
Data Analysis: PowerBI, Excel
Frameworks and Libraries: SwiftUI**,** OpenCV, Selenium, SWT, Jsoup