Chloe H. Bentley

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Education

University of Michigan   **Ann Arbor, MI**
Bachelor of Science in Engineering in Computer Science, Minor in Physics   Fall 2023
- GPA: 3.778/4.000, *Summa Cum Laude*
- Awards/Honors: University Honors, James B. Angell Scholar, Donald R. Shepherd Scholar, Dean's List
- Course Highlights: Game Development, Computer Security, UI Development, Mobile App Development, Data Structures and Algorithms, Computer Organization, Web Systems, Info Retrieval, Mechanics, Electromagnetism, Optics, Thermodynamics

Work Experience

Gaming Laboratories International   **Denver, CO**
Engineering Intern   Summer 2023
- Performed extensive emulation, regression, and geo-location tests on land-based and online casino games
- Designed python programs to automate the testing of game snippets and improve task efficiency
- Developed durable image recognition software that detected potential extraction errors and adjusted accordingly

Kroll Bond Rating Agency   **New York, NY**
Data Management Intern   Summer 2022
- Headed the initiation and progression of tracking software to modernize the management of interns
- Worked extensively with python packaging, REST API design, Flask, SQL, and Docker
- Committed over 100 hours to research on frontend and backend development principles

Projects

MOOving Up Video Game   **Ann Arbor, MI**
University of Michigan   Fall 2023
- Collaborated in a small group to design, develop, and publish a single player, action-adventure game
- Underwent weekly playtesting sessions for feedback and issued rapid design changes

iGaming Universal Emulation Automation 'Bot'   **Denver, CO**
Gaming Laboratories International   Summer 2023
- Worked collaboratively in a team of four interns under the mentorship of an upper level test engineer to develop a generalizable bot that would automate emulation testing for online casino games across various suppliers
- Analyzed the effectiveness and integrability of numerous image processing and recognition techniques
- Communicated with the product requester at each stage of development to ensure expectations were being met

Company-Wide Intern Tracker   **New York, NY**
Kroll Bond Rating Agency   Summer 2022
- Maintained a managerial role in the programming of an organizational system in python to keep track of interns and their past, present, and future involvement with the company
- Implemented a seven-page Flask application involving sign-in authentication and administrative permissions

Leadership Experience

Michigan Marching Band   **Ann Arbor, MI**
Rank Leader   2022-2023
- Attended seminars on peer teaching, conflict resolution, and instructional practices
- Offered ongoing constructive feedback and negotiated solutions for social and logistical dissension

Skills

- **Languages:** Python, C++/C, C#, HTML, CSS, JavaScript, SQL, Excel VBA, Assembly
- **Other Skills:** Git, Excel, Pytesseract, Pyautogui, Openpyxl, Flask, Docker, Figma, Vue, Cv2, Unity, JIRA