

# Chloe H. Bentley

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## Education

### University of Michigan

Ann Arbor, MI

*Bachelor of Science in Computer Science Engineering, 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

### WolverineSoft Studio

Ann Arbor, MI

*Quality Assurance Programmer*

Winter 2024

- Aided the development of a single player fantasy-adventure video game in Unity on a fifty person team
- Conducted communication across all six internal departments to define and execute coding tasks effectively

### 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

## 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