Jonah Bera

Madison, WI | 414-750-7086 | jonahbera@gmail.com | [LinkedIn](#)

EDUCATION

University Of Wisconsin-Madison <div align="right">Madison, WI</div>

Bachelor of Science in Computer Science <div align="right">*Expected May 2025*</div>

Relevant Coursework: Data Structures and OOP, Operating Systems, Algorithms, Artificial Intelligence

EXPERIENCE

Software Engineer Intern <div align="right">June 2023 – Present</div>

realtor.com <div align="right">*Chicago, IL*</div>

- Software Engineering Intern on the Growth team
- Working in an Agile environment on the New Homes Engineering team to enable a high traffic application
- Tracking analytics with technologies such as New Relic
- Developing in Node.js, TypeScript, and

Software Engineer Intern <div align="right">June 2022 – August 2022</div>

Northwestern Mutual <div align="right">*Milwaukee, WI*</div>

- Worked in an Agile environment on the DevOps Engineering team to limit congestion in back-end pipeline operations
- Built and enhanced infrastructure through AWS in multiple deployment environments for a policy illustration application utilized by over 10,000 employees
- Utilized Terraform, DynamoDB, Node.js, and Python to create a Unified Dynamic Inventory of 85 department specific services
- Implemented CI/CD and other tooling as needed to support enhanced application code infrastructure

PROJECTS

Onsite Facial Recognition | *Python, React.js, Git*

- Collaborated with a team of 4 other engineers to implement facial recognition service, that is displayed on a React.js application
- Utilized python's machine learning and artificial intelligence uses to optimize facial recognition application

Concert Ticket Alert System | *TypeScript, Git*

- Developed monitors to identify supply chain redundancies for limited edition, highly sought after resale products
- Developed a service that take commands and scrape various API's to give real-time information on concert tickets that are utilized by 600+ users
- Developed entire service in TypeScript and hosted the service through AWS

Policy Recommendation Engine | *R, React.js, Python, GitLab*

- Optimized client data through different models such as Linear Models, ChiSQ Tests, and QQPlots
- Trained and implemented Machine Learning to statistically align prospective clients with the best policy type.

Slot Machine Game | *Java, JavaFX, Git*

- Used high level algorithms and data structures with a group of teammates to develop an interactive Slot Machine Game
- Demonstrated use of high level algorithms and collaboration among teammates to integrate back end work with the front end user interface

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, C, GraphQL, HTML/CSS
Frameworks: React.js, Node.js, Jest, JUnit
Developer Tools: Git, Docker, Kubernetes, Google Cloud Platform, VS Code, Jira, Postman, DynamoDB, Amazon Web Services (AWS)