

ANANYA MAKWANA



(608)772-2457



amakwana@wisc.edu

EDUCATION

University of Wisconsin-Madison

Madison, WI

Bachelor of Science, Major: **Computer Science (May '21)**

Relevant Coursework: Introduction to Artificial Intelligence, Programming in C, C++, Java, Data Structures, Introduction to Algorithms, Introduction of Operating Systems, Database Management Systems, Computer Organization.

EXPERIENCE

JPMorgan

Software Engineering Experience(Virtual)

Sept '20

- Fixed bugs in the existing codebase and implemented unit testing to validate correctness of the processing of financial data feeds of multiple stocks thus allowing the traders to better identify under/over-valued stocks.
- Developed a new feature for the trader dashboard to display a visually appealing graph using **React.js** & **Perspective**, helping them analyze stocks more efficiently and alerting them of potential new trading strategies

Blinc 360

iOS Developer Intern

July '18

- Helped create an IOS application that connects Building Information Model (BIM) developers and businesses for collaboration. **Swift, XCode**
- Added classes, methods, inline-comments as part of DOD (Definition of done) to the existing project which improved code readability

RECENT ACHIEVEMENTS

- Best Educator/Student tool (2020) Awarded at HackMadison, WI for Collabwatch.

PROJECTS

CollabWatch

Jun '20

- Developed a web application that allows you to watch class lectures with your friends or with randomized strangers.

Technologies: Node.js, Amazon EC2, Heroku, PM2, HTML, CSS, Bootstrap, socket.io.

Heap Allocator

May '20

- Designed a heap allocator from scratch which uses the next fit placement policy with splitting and coalescing for the allocation of memory.

Technologies: C.

WiscBook

Dec '19

- Created a JavaFX application similar to Facebook but this application is specifically for College Students to connect each other with their current projects.

Technologies: Java, JavaFX.

SKILLS

Languages: Java, Python, C, C++, SQL, Junit, Git.

Technologies: Visual Studio, Eclipse, Postman, XCode, Adobe Illustrator, Figma, Adobe XD, Adobe Photoshop, Microsoft Excel.