

ALEX BREWER

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OBJECTIVE

Following my graduation from Ohio State I am eager to secure a challenging position at a company where I can apply my expertise in software engineering.



EDUCATION

B.S. Computer Science and Engineering | The Ohio State University

AUGUST 2020 – DECEMBER 2023

- 3.817 / 4.0 GPA
- Magna Cum Laude
- Artificial Intelligence Specialization
- Dean's List: AU 2020, SP 2021, AU 2021, SP 2022, AU 2022, SP 2023, AU 2023
- Buckeye Catholic

Associate of Science | Edison State Community College

AUGUST 2016 – DECEMBER 2022

High School Diploma | Versailles High School

AUGUST 2016 – MAY 2020

- 4.0 / 4.0 GPA
- Valedictorian, Honor Roll, MAC Student-Athlete, National Honors Society
- Cross Country, Marching Band, Track and Field, 4-H



EXPERIENCE

Software Engineering Intern | USAA Insurance

MAY 2023 – AUGUST 2023

- Worked with the Behavioral-Based Insurance team on their SafePilot App
- Used Java and Spring Boot to develop cutting-edge software to improve member experience
- Worked with team members using Agile methodologies to produce solutions in a rapid and systematic matter
- Used advanced Java techniques to write clean and efficient code matching the existing codebase
- Utilized multithreading techniques to enhance the performance and data processing of a daily reporting tool
- Implemented test cases to ensure code quality
- Exercised good communication skills through daily standup meetings, regular check-ins, and an end-of-summer capstone presentation

Software Development Intern | Nidec Minster

MAY 2021 – AUGUST 2022

- Worked on upgrading legacy VB6 applications to newer versions of VB.NET
- Designed and implemented new internal desktop applications using Visual Basic
- Utilized SQL to handle interactions with the company's Oracle databases
- Worked closely with team members and users to ensure solutions met all necessary requirements
- Exercised good communication skills through weekly team meetings, regular check-ins, and daily interactions with team members

Summer Production Help | Midmark Corporation

MAY 2020 – AUGUST 2020

- Efficiently transported materials to and from stock to support the plant's welders and grinders
- Ensured timely and reliable material handling to enhance overall plant efficiency
- Contributed to a streamlined workflow by managing material logistics effectively



SKILLS

- | | | | |
|---------------|----------------|--------------------|--------------------|
| • C | • VB.Net | • Linux | • GitHub |
| • C# | • SQL | • Eclipse | • OOP |
| • Java | • X86 Assembly | • Visual Studio | • Databases |
| • Python | • XML/HTML | • Microsoft Office | • Machine Learning |
| • Spring Boot | • IntelliJ | • Android Studio | • Multithreading |