

Matt Bicknell

Brighton, MI 48114
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EDUCATION

Eastern Michigan University

Expected Graduation - December 2023

- **Major:** Computer Science, B.S.
- **GPA:** 3.3/4.0
- **Programming Coursework:** Data Structures and Algorithms, Programming and Introductory Data Structures, Discrete Math, Web Development, Algorithm Design and Analysis, Applied Cryptography

SOFTWARE PROJECTS

Github: github.com/MattBicknell/

Personal Website : mattbicknel.com

- Developed a website using CSS, HTML, parallax scrolling and responsive web design
- Integrated client side dynamic functionality into the website

Personal Project #1

- Implemented an emulation of a relational database with an interface based on a standard query language
- Evaluated the runtime and storage tradeoffs for accessing and storing data in different data structures

Personal Project #2

- Implemented an emulation of a relational database with an interface based on a standard query language
- Evaluated the runtime and storage tradeoffs for accessing and storing data in different data structures

School Project #1

- Employed machine learning methods to process data from the class Piazza forum and categorize the posts based off their subject matter
- Designed and developed an algorithm with an underlying binary search tree data structure

School Project #2

- Employed machine learning methods to process data from the class Piazza forum and categorize the posts based off their subject matter
- Designed and developed an algorithm with an underlying binary search tree data structure

TECHNICAL CERTIFICATIONS

AWS Certified Cloud Architect(In Progress)

- Completed the AWS Cloud Architect Course
- Mastered AWS fundamentals and advanced AWS technologies
- Implemented EC2 and S3 infrastructure

AWS Certified Cloud Practitioner

- Completed the AWS Certified Cloud course
- Gained experience working with virtualization and cloud computing technologies

WORK EXPERIENCE

Sagano Japanese Steakhouse, Brighton, MI

March 2017 - Current

Manager and Server

- Worked part-time throughout college as a server and manager
- Managed a dozen other employees to deliver high quality results and great service to customers
- Implemented new operation processes to increase restaurant efficiency

SKILLS

Software: (proficient): Java, JavaScript, CSS, HTML (familiar): Python, Visual Studio