Michael Bessette
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Resume

Headline

Hi, I'm a recent graduate looking for my first job in the industry. I enjoy backend work and learning new technologies.

Education

Wilmington University, New Castle, DE

Bachelor of Science in Computer Science

2021-May 2025

Final GPA 3.80

Code Projects

Photon

Technologies: Go, SQL, Javascript, BunnyCDN, Cursor

https://github.com/CaptainZidgel/Photon

Photon is an instagram style photo uploading site built to teach myself to use a CDN and process images over the wire (creating thumbnails, uploading avatars). After a long time in the freezer, I've started work on it again using Cursor's AI powered IDE to assist me in styling the front end. Passwords are hashed using Bcrypt. I wrote the front end without a large framework like React or Vue to avoid overengineering.

MGEME

Technologies: Go, Vue, Docker

https://github.com/CaptainZidgel/mgeme

MGEME is a web server that uses websockets to communicate with an external (not created by me) gameserver. The backend is fairly simple, as it uses an OpenID library so I don't need to manage logins. I have learned and am still learning about Go's concurrency system while writing this. I really enjoy the way channels allow sending messages between Goroutines like tin cans and a string. It is also the first project I have written with real tests, making it most likely my most advanced project yet. This project interacts with MySQL tangentially, but the database is created and managed by someone else's program. The impetus for the project was actually to process some of the data from that database.

Diagrader/G-Score

Technologies: Go, Javascript, AWS DynamoDB

https://github.com/CaptainZidgel/G-Score

Diagrader is a userscript I wrote as a final project for my bachelor's degree in computer science. It uses a web extension userscript as a client, with a Go server to validate data and commit it to a DynamoDB table.