TOBIN DEKORNE

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SKILLS

Languages:	Javascript, PHP, GO, Python, CSS, C, C++
Libraries:	jQuery, ReactJS
Frameworks:	ExpressJS, VueJS, CodeIgniter, Bootstrap
Databases:	MySQL, DynamoDB, MongoDB
AWS:	S3, Lambda, DynamoDB, CloudWatch, CDK
Other Tools:	NodeJS, Git, Subversion, JIRA

WORK EXPERIENCE

Full Stack Web Developer
Ezoic, Inc

📅 June 2021- January 2022

- Developed an automated script in Go to automatically extract content from a URL and create a video based on that content.
- Upgraded and maintained a custom video timeline UI using VueJS.
- Improved Git commit process using Git pre-commit hooks to check in on dependency files and conditionally ignore them.

Full Stack Web Developer
Fiserv, Inc

📅 Oct 2018- June 2021

- Deconstructed company database, architected, designed, and implemented a PII removal system, written in PHP using the CodeIgniter framework, to comply with legal standards of data retention in the U.S. with CCPA law and overseas to comply with GDPR law.
- Architected and led a team through the implementation of a custom reporting feature using AWS Lambda and S3 to connect to an API
- Designed and implemented a mapping engine using AWS DynamoDB, S3 and Lambda to allow clients to create mapping rules for shipping based on product SKUs
- Created an AWS CDK deployment using Lambda, S3, and DynamoDB to migrate a proprietary data structure with data mutations to achieve single millisecond latency upon requests for that data. AWS X-Ray was used to trace the Lambda function workflow and was programmed using Python.

Peer Lead Team Learning Leader
California State University San Marcos

📅 January 2018 – May 2018

- Developed a web-based game to increase student interaction
- Spearheaded a new program to help students succeed in business calculus
- Created activities designed to promote team building to ensure strong group relationships
- Prepared and facilitated tutoring workshops, and academic support sessions for groups of students
- Developed teaching and training materials, such as handouts, study materials, or quizzes
- Strategized in weekly meetings with faculty to create relationships and team up on content creation

EDUCATION

B.S. in Computer Science
California State University San Marcos

📅 Aug 2015 – May 2018

Relevant Coursework:

- Software Engineering
- Databases
- Theory of Computation
- Operating Systems
- Embedded Systems
- Data Structures
- C/C++ Programming
- Java Programming
- HTML5 & CSS
- Java GUI Programming
- Assembly Language for x86 processors
- Discrete Math

PROJECTS

GitHub Finder
ReactJS

🌐 https://githubfinder-react-tobin.netlify.app

Utilized ReactJS to create a reactive UI in which A searchbox component was used to call on the github API to search for and load in base profile information about users into user card components for users matching the search terms as the user types. These cards can then be loaded into a full page with more information about the user's profile.

Math Tic-Tac-Toe
Vanilla JS MathJax

🌐 https://tobindekorne.github.io/tic-tac-toe.html

Designed and implemented a web application to help teachers make learning math in a group setting more fun. The basic game of Tic-Tac-Toe was changed to split a class into two teams. Each space on the tic-tac-toe board is assigned its own question and answer which can be set and previewed using the MathJax library to convert LaTeX-like syntax into legible math questions.

Hacky Snack - Snacks Made Easy
MEAN Stack

Created a custom UI for a web application working with a team to help users with food allergies find foods that are safe for them to eat. I worked as part of the front-end team using InkScape to create SVG images and HTML, CSS, and AngularJS to generate a dynamic UI. Implemented Git for version control, Trello to manage tasks, and Slack for team communication. This web application was designed and implemented as an SPA. The team used Agile scrum development and held weekly scrum meetings to ensure deadlines and quality of work.