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Employment History

ALEKS Corporation - McGraw Hill Education— Software *Developer*   June 2019 - Present

- Designed, developed and maintained cutting edge math and chemistry homework problems on the ALEKS platform using HTML, CSS, Javascript.
- Completed multiple projects that involved different programming tools and procedures such as working with accessibility tools, mathematical graphing, and molecular drawings.
- Worked closely with product managers, senior engineers and quality control to successfully create and maintain homework problems that meet the standards of homework problem authors.
- Expanded the ALEKS global library by functions that automate development and increase efficiency.
- Peer reviewed fellow Developers' code to help them maintain and retain good coding practices and improve overall code cleanliness.

Programming Experience / Projects

JS Fighter — *JS, HTML, CSS, JSON, Canvas API*

- Developed a two player fighting game that utilized the Canvas API and Object Oriented Programming.

Discord Chat Helper— *JS, node.js, Discord API, REST API, Ubuntu*

- Built and designed a chat helper that helped users retrieve information about tv shows, movies, fictional characters, video games, cryptocurrency data and stock market information.

Literature Organizer — *ASP.net, C#, Razor Pages, MVC, SQL*

- Developed an online book organizer that made use of ASP.net Core to create, remove, update and delete a maintained SQL database.

Education

University of California Irvine, Irvine - *Bachelors of Computer Science*   Sept 2014 - June 2018

- Specialized in Networked Systems
- Coursework: Data Structure Implementation and Analysis of Algorithms, Data Management, Operating Systems, Computer Networks

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Programming Languages

- Javascript, HTML, CSS
- Java, C#, C++, Python, ASP.NET, Razor Pages
- PuTTy, Bash, Shell Scripting, CMD, Cygwin, Ubuntu, RegEx
- Discord API, Discord.js, GitHub