COLE THORPEN

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Websites, Profiles

https://my-read-08.herokuapp.com | https://github.com/cthorpen | https://www.linkedin.com/in/colethorpen/

Education

Bachelor of Arts: Computer Science | Concentration: Economics | Minor: Spanish   May 2022
Gonzaga University - Spokane, WA
- 3.51 GPA, *Cum Laude*.
- Regent Scholarship Recipient.
- Relevant Courses: Data Science, iOS/Android, Cryptography, Security, Operating Systems, Data Structures/Algorithms, Web Development, OOP, Economics.

Professional Summary

Graduate of Gonzaga University with Bachelor of Arts in Computer Science. Excels in highly collaborative environments while emphasizing clear code and team communication. An eager learner who adapts well to new situations. Seeking opportunities to further develop my knowledge of software development in an industry setting. Interested in security, web/mobile development, data analysis.

Skills

Proficient:
- Languages: Python, Java, JavaScript
- Web Development: React.js
- Object Oriented Programming
- Agile Methodologies, Git/GitHub

Has Experience:
- Languages: C, C++, Swift
- Mobile Development: iOS & Android
- Data Science
- Cryptography

Experience & Projects

Developer – **MyRead Curated Blog**   August 2021 – May 2022
Gonzaga University School Of Engineering – Spokane, WA
- Created a full MERN stack web application as Senior Design project.
- Developed React.js website hosted on Heroku, responsible for authentication and security features.
- Gathered user feedback from user testing and performed integration testing before launching the application.

MyRead Curated Blog – Google Chrome Browser Extension   January 2022 – May 2022
- Created React.js Google Chrome extension to accompany original MyRead web application.
- Allows authentication and posting abilities for MyRead account owners without opening original web application.
- Published to Chrome Web Store.
- https://chrome.google.com/webstore/detail/myread-browser-extension/nlimpfenamaljjgolngpfmdikickookj

Trek Connect   December 2021
- Native Android mobile app (Java) for communicating with nearby users.
- Messages are delivered and saved with Google Firebase API.
- Uses Google Maps API to find users to communicate with within a 500-meter radius.

Prescription Drug Effectiveness and Ratings   December 2021
- Python ML application to predict effectiveness of prescription drugs based on multiple personal attributes.
- From a dataset of +7,000 drug reviews, predicts effectiveness using KNN, Decision Tree, and Random Forest classifiers.
- Hosted on Heroku.