Vera Korchemnaya

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EDUCATION

Eastern Washington University | **GPA: 3.96**
Bachelor of Computer Science

Expected Graduation
June 2023

- **Coursework**: Computer Engineering, Web App Development, Data Structures, Algorithms, Databases, Object Oriented Programming, Computer Science Principles

SKILLS

Languages : Java, PHP
Basic Knowledge : HTML5, CSS3, MySQL, C
Supporting Skills : Laravel, Visual Studio Code, Eclipse, GitHub, Unix
Currently Learning : JavaScript

PROJECTS

GitHub : *github.com/VeraKorchemnaya/ResumeProjects*

Personal Website   Click to See

- Built a website from scratch using **HTML5, CSS3, Javascript, and PHP**
- Used **AWS** (Amazon Web Services) to launch my website
- Gained experience with **DOM manipulation in JavaScript**
- Created a **PHP email form** for contact
- Learned a lot about **CSS3 grid, flexbox, and animations**

Comic Book Collection App

- Created a **Laravel CRUD** (Create Read Update Delete) project by setting up **resourceful controller** and views
- Utilized **template layouts** to give pages a cohesive feel and to follow the **DRY principle**
- Implemented **success/information messages** and **data validation** for creating and editing a comic book
- Created a **database seeder** with the help of an external library

Laravel Project and External Data

- Set up a database in **Laravel** by creating a **migration and an Eloquent Model**
- Created a **PHP** program to **insert data from an API directly into the database**

Mortgage Calculator

- Created interactive **user interface** and collected input data using a **HTML form**
- Used the data to calculate monthly mortgage and print an amortization schedule using **PHP**

External Data Sort

- Increased the efficiency of external storing by using the **divide and conquer approach** to allow for **RAM-based sorting**
- Built a **FIFO queue** that included the array-based and the **singly-linked list-based** implementations

SUMMARY

Hard working student passionate about challenging problems and life-long learning.