JONAH BILLERBECK

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https://github.com/Joenuhhh

SOFTWARE DEVELOPER

Innovative and detail-oriented entry-level software programmer with a proven track record of leading impactful projects. Successfully developed "Easy Grader," a Google Chrome extension to streamline grading processes for the Phoenix Union High School District. Adept at leveraging web technologies such as JavaScript, Plotly.js, and Chrome storage tools to create efficient, user-friendly solutions. Skilled in web scraping, HTML parsing, data management, and ensuring data privacy and security. Demonstrated ability to identify inefficiencies, conceptualize effective solutions, and deliver high-quality software that significantly reduces workload and improves accuracy. Strong communicator with a passion for problem-solving and a commitment to enhancing user experience. Published work available on the Chrome Web Store, earning positive feedback from educators for its practicality and effectiveness.

- Web Scraping/Automation
- Project Management
- Cloud Computing
- User Centric Design
- Team Leadership
- Advanced Data Management
- Front/Back-End Development
- Data Visualization
- Object Oriented Programming

EDUCATION | CERTIFICATION

Bachelor of Arts (B.A.) Software Development | Grand Canyon University | May 2024

Associates of Applied Science (A.A.S) Programming and Information Systems | Sep 2022

TECHNICAL COMPETENCIES

Frameworks: ASP.NET, Spring Boot

Languages: Java; HTML; CSS; C#; JavaScript

Cloud Technology: Microsoft Azure, AWS (basic familiarity)

Databases: SQL, MySQL, MongoDB

Tools & Technologies: Git, JIRA, Docker

SOFTWARE PROJECTS

Easy Grader - Phoenix Union High School District (https://github.com/Joenuhhh/ChromeExtension)

https://chromewebstore.google.com/detail/easy-grader/aecnkiaooopekpbilooaoknpkipjfohke?hl=en&authuser=0

Recognized inefficiencies in grade categorization due to the lack of support in the StudentVUE application for the school's specific grading scheme. Conceptualized a solution leveraging web scraping to automate the process, circumventing denied API access.

- Developed a Google Chrome extension using JavaScript, Plotly.js, and Chrome storage tools to extract and manage data from the StudentVUE web interface.
- Utilized HTML parsing techniques to scan, read, and reorganize necessary student grade information directly from the website.
- Ensured data privacy and security by keeping all processes local to the user's machine, avoiding external data transfers.
- Implemented efficient data management features such as export to Excel, graphing capabilities, and advanced search functionalities.
- Published the extension on the Chrome Web Store, making it easily accessible for teachers within the district.
- Achieved significant time savings for teachers, reducing grading workload by 10+ hours per week during grading periods.
- Successfully addressed the grading organization issue, enhancing the efficiency and accuracy of the grading process; received positive feedback from educators for the practicality and effectiveness of the tool.

Continues…

PROFESSIONAL EXPERIENCE

Software Developer

Perimeter Software Solutions | Tempe, AZ   **May 2024 – Present**

ASP.NET Developer specializing in developing and maintaining software solutions for multiple auto insurance company clients. Responsibilities include bugs fixes, maintenance, adding new features, and performing comprehensive testing to ensure high-quality applications.

- Utilized a diverse tech stack, including JavaScript, C#, SQL databases, and AWS cloud services, to develop and maintain high-quality applications.
- Collaborated cross-functionally in Agile Scrum teams, participating in sprint planning, daily stand-ups, and retrospective meetings to drive iterative development and continuous delivery.
- Managed the entire development lifecycle through Jira, utilizing user stories, epics, and backlog grooming to ensure alignment with project goals and deadlines.
- Led improvements to applications by identifying and resolving bugs, implementing new features, and conducting comprehensive code reviews to ensure adherence to coding standards.
- Maintained seamless version control and code collaboration through Bitbucket, leveraging Git for branching and merging strategies to improve workflow efficiency.
- Continuously delivered high-value software in time-boxed sprints, contributing to frequent releases and improving end-user satisfaction.

Aircraft Mechanic

United States Marine Corps – Various Locations   **Jul 2015 – Jul 2020**

- Conducted thorough pre-flight safety inspections on MV-22 Osprey aircraft, ensuring all systems were operational and enhancing overall flight safety.
- Performed organizational-level troubleshooting and maintenance on essential flight components, significantly reducing aircraft downtime and increasing mission readiness.
- Executed removal and replacement of critical flight components with precision, improving aircraft performance and reliability.
- Completed detailed maintenance records and reports, contributing to enhanced documentation accuracy, and streamlined maintenance processes.