

Alexander Gibson

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● WORK EXPERIENCE

10 SEP 2021 – CURRENT – Remote

FULL STACK DEVELOPER BOOTCAMP – UC BERKELEY EXTENSION

Moonbase | <https://github.com/mushymane/moonbase>

- Moonbase is a dedicated investment chat forum with integrated market data to provide investors a one-stop-shop for talking about and viewing stocks. Users can browse and create posts, comment, “hype up” posts, and see trending and individual stock data all from within the Moonbase website.
- Technologies used: Javascript, Node.js, Express.js, MySQL, Handlebars.js, CSS, Bootstrap, Axios, Cheerio Web Scraper API, and Finnhub API.
- Team composition: 3 person team of developers, 5-day sprint.
- Role and responsibilities: Working with the Cheerio and Finnhub APIs to suit our specific project needs, creating handlebars pages, building out posting/commenting infrastructure, and implementing our “hype up” model of promoting posts.

The 3D Art Gallery | <https://argibson02.github.io/3d-gallery-walk/>

- The 3D Art Gallery project aims to improve upon the virtual museum experience by allowing users to interact and get up close to paintings in a 3D space. Users can grab, manipulate, zoom in, zoom out, and see how light reflects off the layers and cracks on a piece of art.
- Technologies used: Javascript, jQuery, three.js, HTML, CSS, Materialize, Rijksmuseum API, MET API, and QR Code Generator API.
- Team composition: 3 person team of developers, 7-day sprint.
- Role and responsibilities: Building fetches to museum databases and interpreting responses. Implementing API responses into the product’s front-end. Adding, syncing, and clearing data in browser local storage.

The Garfield Quiz | <https://argibson02.github.io/Quiz-App/>

- Test your wit and see if you can beat Garfield’s Puzzle Castle! This is a timed Garfield knowledge quiz complete with a scoreboard for tracking your best attempts.
- Technologies used: Javascript, jQuery, HTML, CSS, and Moment.js.

18 APR 2020 – 8 JUL 2021 – Madison, United States

BUSINESS SYSTEMS ANALYST – WPS HEALTH SOLUTIONS

- Took lead on testing, research, coordination, and prep work for many complex development projects relating to insurance claim payments.
- Contributed to software fixes that prevented an estimated \$100 million in claim overpayments annually.
- Identified business needs and refined acceptance criteria for projects. Acted as a liaison between external business partners and internal company stakeholders. Repeatedly responded to feedback on deliverables and sent updates to stakeholders. Provided demonstrations of new system updates to stakeholders as needed.
- Helped implement business-critical updates and fixes. Worked on system updates to quickly adapt to the Covid-19 pandemic.
- Mentored new team members on QA testing practices and processes. Helped them get up to speed and become contributing members of the team. Provided testing and research support to other team members as need.
- Participated in daily scrums and other sprint activities. Tracked team testing metrics and contributed to improving scrum team processes.

Human health and social work activities | <https://www.wpshealthsolutions.com/> |

1717 W Broadway, 53713, Monona, United States

30 JUN 2019 – 19 APR 2020 – Madison, United States

QUALITY ASSURANCE FUNCTIONALITY LEAD – EPIC SYSTEMS CORPORATION

- Managed QA team for Epic's managed-care patient and provider portals.
- Oversaw future development priorities and product direction.
- Identified areas of QA inefficiency and created tools/fixed processes that ended up saving days of QA work every quarter.
- Performed root cause analyses for software security and privacy risks. Pioneered process changes to help prevent similar issues.
- Managed critical development projects for one of Epic's largest customers. Identified substantial functionality gaps missed in the initial design phase and prevented the company from shipping broken software.
- Created test plans and internal documentation regarding new development. Reviewed coworkers' test plans for any testing gaps.
- Mentored new employees in QA processes, testing tools, and bug-finding techniques.
- Adjusted the team's workload to cater to individuals' specialties and bandwidths.
- Lead weekly scrums for projects and functional areas. Curated biweekly department update meetings.

Tapestry - (Managed Healthcare Systems) | Information and communication | <https://www.epic.com/> |

1979 Milky Way, 53593, Verona, United States

8 JAN 2018 – 20 APR 2020 – Madison, United States

QUALITY ASSURANCE ANALYST – EPIC SYSTEMS CORPORATION

- Tested electronic health record systems (EHR); focusing on billing, claims, and referral functionality for managed-care healthcare systems. Tested end-user facing healthcare membership websites and mobile applications.
- Tested data aggregation/EDI for external vendor claims and patient satisfaction surveys.
- Coordinated development and QA strategy for high-risk bugs needing quick turnaround.
- Communicated with customers and helped facilitate the company content approval process. Enabled customers to share their success stories while protecting Epic's intellectual properties.
- Oversaw department internationalization and localization efforts. Greatly reduced translation volume by identifying international customers with retired software licenses.
- Accessibility tested websites and mobile applications to ensure ease of use for visually impaired users.
- Certified in Epic Tapestry, Referrals, Tapestry Link, and MyChart. Extremely familiar with Epiccare Link and MyChart Mobile.

Tapestry - (Managed Healthcare Systems) | Information and communication | <https://www.epic.com/> |

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● DIGITAL SKILLS

Coding Languages/Skills

jQuery | Javascript | CSS | HTML | Bootstrap | Materialize | SQL | Fetch API | JSON | Express.js | Museum Collection APIs | Node.js | Axios | MySQL | Web scraping | Handlebars.js

Technologies

VS code | Automated Testing | Chrome Developer Tools | NVDA screen reader | Git | Github

● EDUCATION AND TRAINING

2 SEP 2012 – 26 AUG 2016 – 500 Lincoln Dr, Madison, United States

BACHELORS OF ARTS – University of Wisconsin - Madison

Environmental Studies (Major)

- Studied various aspects of the environment including: environmental economics, water resource management, environmental policy and regulation, climate change science, and soil science.

Chinese (Major)

- Studied Chinese language, linguistics, history, culture, and business etiquette.

East Asian Studies (Minor)

- Studied the diverse history, culture, and politics of East Asia.

3.524/4.00 | EQF level 6 | US Credit Hours | 143 (equivalent to ECTS 286) | <https://www.wisc.edu/>