Alexander Gibson

Madison, WI 53715 | argibson02@gmail.com | +1 920 573 1067
LinkedIn: https://www.linkedin.com/in/alexander-r-gibson/ GitHub: https://github.com/argibson02
Portfolio: https://argibson02.github.io/Professional-Portfolio-React/

Full-stack developer with a certificate in full-stack web development from the UC Berkeley Extension and has a strong history of software quality assurance success. Has worn many hats in previous roles as a software quality assurance analyst and has participated in nearly every step of the software development process. Looking for new and exciting challenges and hopes to be a key member of your team!

Technical Skills

JavaScript (React.js, jQuery, Node.js, Express.js, Handlebars.js) | HTML | CSS (Bootstrap, Materialize, Material UI)
SQL (MySQL, SQL Server, Oracle) | NoSQL (MongoDB) | RESTful APIs | GraphQL | AWS | Test Frameworks (Jest, Mocha)

Professional Experience

Health Note Inc.   Remote

Software Engineer   **Feb. 2022 - Current**

- Develop solutions to allow the Health Note application to integrate with electronic health records, primarily focusing on Epic Systems' APIs.
- Research technical requirements for projects and create acceptance criteria.
- Investigate and create fixes for bugs needing quick turnaround.
- Create unit tests for new and existing development.
- Meet with customers to establish new areas for business growth and coordinate the implementation of new features.

WPS Health Solutions   Remote

Software Quality Assurance Analyst   **Apr. 2020 - Jul. 2021**

- Took lead on testing, research, and coordination for many complex development projects relating to medical claims.
- Contributed to software fixes that prevented an estimated $100 million in claim overpayments by the government 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 Covid-19.
- 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 needed.
- Participated in daily scrums and other sprint activities. Tracked team testing metrics and contributed to improving scrum team processes.

Epic Systems Corporation   Madison, WI

Quality Assurance Team Lead   **Jul. 2019 - Apr. 2020**

- Managed QA team for Epic's managed-care patient and provider portals. Adjusted the team's workload to cater to individuals' specialties and bandwidths.
- Oversaw future development priorities and product direction.
- Performed root cause analyses for software security risks and pioneered process changes to help prevent similar issues.
- Identified areas of QA inefficiency and created tools/fixed processes that ended up saving days of QA work every quarter.
- 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.
- Mentored new employees in QA processes, testing tools, and bug-finding techniques.
- Lead weekly scrums for projects and functional areas. Curated biweekly department update meetings.

Software Quality Assurance Analyst   **Jan. 2018 - Apr. 2020**
  - Tested electronic health record systems; focusing on billing, claims, and referral functionality for managed-care healthcare
  systems. Tested end-user facing healthcare membership websites and mobile applications.
  - Coordinated development and QA strategy for high-risk bugs needing quick turnaround.
  - 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.
  - Tested data aggregation/EDI for external vendor claims and patient satisfaction surveys.

Amscan Inc.   **Remote**
Market Research Analyst   **Sep. 2017 - Dec. 2017**
- Explored and compiled reports on new business opportunities in the party supplies/costume industry.
- Conducted in-depth research into current competition, target demographics, and market trends for new concept retail
products.
- Presented findings to stakeholders and highlighted key areas for growth and development.

<u>Projects</u>

Moonbase | Live Site: https://guarded-chamber-67294.herokuapp.com/ **Repo**: 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.

Cryptocraft | Live Site: https://crypto-craft.herokuapp.com/ **Repo**: https://github.com/gulpinhenry/cryptocraft
- Cryptocraft is a cryptocurrency investing simulation and a great risk-free way for anyone to explore investing in crypto. Each
user receives $1,000,000 in fake money to buy, sell, and experiment with over 125 different cryptos.
- Technologies used: React, JavaScript, CSS, Material UI, Node.js, Express.js, MongoDB, Mongoose.js, GraphQL, Chart.js,
Axios, CryptoWatch Market API.

The 3D Art Gallery | Live Site: https://argibson02.github.io/3d-gallery-walk/ **Repo**: https://github.com/argibson02/3d-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.

<u>Education</u>

University of California – Berkeley Extension   **Remote**
Full-Stack Web Developer Bootcamp   **Sep. 2021 – Dec. 2021**
- Studied full-stack web development in an accelerated and rigorous training program.

University of Wisconsin – Madison   **Madison, WI**
GPA: 3.52/4.0, Dean's List (3 Semesters)   **Sep. 2012 – Aug. 2016**
Double Major in Chinese and Environmental Studies, Certificate (Minor) in East Asian Studies
- Studied Chinese language, linguistics, history, culture, and business etiquette.
- Studied various aspects of the environment including environmental law, regulatory compliance, soil science, climate
change science, water resource management, and environmental economics.
- Studied the diverse history, culture, and politics of East Asia.