

Brian Cao

🛡️ Secret Clearance | [in LinkedIn](#) | ☎️ 657-206-2005 | ✉️ fullstackbriancao@gmail.com | [GitHub](#)

Skills

- Languages: JavaScript | React.js | C# | SQL | jQuery | HTML5 | CSS3
- Frameworks: ASP.NET | Bootstrap | AJAX
- Databases: SQL Server
- Tools: SSMS | Git | Postman | AGILE/Scrum | Slack | Trello | Visual Studio

Experience

Software Developer

MiVet

Irvine, CA 07/2022 – 11/2022

MiVet is a mobile and web-app focused on improving the lives of equine veterinarians and the animals that count on them

- Created a calendar interface using JavaScript with React.js to simplify event management for a seamless user experience.
- Designed and developed a user-friendly database using SQL and stored procedures for data manipulation and retrieval.
- Developed a dynamic event registration form using Formik and Yup validation to improve user experience.
- Designed and developed a RESTful API using the .NET Core framework and C# to connect the database with client-side requests, resulting in a seamless user experience and improved efficiency.
- Implemented server-side validation logic using Microsoft's .NET Core libraries, implementing client-side behavior to ensure data is valid before being submitted to the server, providing clean, accessible interfaces for front-end developers to facilitate ease of use and implementation.
- Collaborated with team members using Git and GitHub for code quality and continuity.
- Participated in meetings with project manager and product owner to coordinate project responsibilities and daily stand-up meetings along with peer code reviews in an AGILE team environment.

Maintenance Data Analyst

US Air Force

Holloman AFB, NM 04/2017 - 04/2021

- Successfully led a team of 5 data analysts on a high-priority project for the US Air Force, delivering valuable insights and recommendations to improve the efficiency and effectiveness of the maintenance management process for aircraft and equipment.
- Expertly collected, monitored, and evaluated maintenance information system data to prepare visual media, written reports, and special studies to present recommendations and briefings to senior managers.
- Efficiently managed and coordinated a team to complete data compiling and filtering projects within deadlines.
- Provided timely and accurate aircraft maintenance data statistics and analysis to senior leaders and maintainers.
- Identified and evaluated deficiencies in areas such as equipment performance, material consumption, scheduling, management, and resources, and their impact on the maintenance mission.
- Trained and provided ongoing support and guidance to new analysts in the use of Microsoft office software and knowledge of maintenance information systems, ensuring their proficiency and success in their roles.

Education

Full Stack Software Development

Sabio Coding Bootcamp

Irvine, CA 07/2022 - 11/2022

- Completed a 17-week intensive program focused on full stack software development.
- Developed skills in HTML5, CSS3, Bootstrap, JavaScript, jQuery, React.js, SQL, C#, and .NET.
- Learned about database design, architecture, RESTful API, and optimization, as well as stored procedures and source control with Git Bash and GitHub.
- Applied agile methodologies to deliver high-quality software on time and within budget.