

Brian Cao

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SKILLS

<i>Languages</i>	HTML, CSS, JavaScript, C#, SQL
<i>Lib/Frameworks</i>	React.js, Bootstrap, .NET Core, Express.js, Node.js, Next.js
<i>Database</i>	Microsoft SQL Server, PostgreSQL
<i>Tools</i>	Netlify, Render, Visual Studio Code, Visual Studio, Git, GitHub, SSMS, DBeaver, Postman
<i>Other</i>	Secret level security clearance (DoD)[2017-2021]

EXPERIENCE

Full Stack Software Engineer

July 2022 - Nov 2022

MiVet, Irvine, CA

- Developed a calendar interface for event management using React.js library, resulting in a flawless user experience.
- Optimized software application by developing an efficient SQL database system with stored procedures and utilizing SQL Server Management Studio for streamlined data retrieval and manipulation.
- Architected and developed a robust RESTful API with .NET Core framework and C# to efficiently integrate and manage data flow between client-side requests and the database.
- Streamlined team collaboration and software quality by utilizing Git and GitHub, resulting in a notable decrease in software bugs.
- Actively participated in daily stand-up meetings and peer code reviews, fostering a collaborative and agile team environment.

Data Analyst

Apr 2017 - Apr 2021

United States Air Force, Holloman AFB, NM

- Led and trained a team of five analysts to deliver valuable insights and recommendations that improved maintenance management efficiency by 20%, increased team productivity by 50%, and improved overall data accuracy and proficiency.
- Streamlined report preparation, monitored data accuracy, and presented recommendations resulting in a 30% reduction in preparation time.
- Managed team projects and implemented validation procedures to improve data accuracy.
- Implemented corrective action plans resulting in increased equipment uptime and reduced material consumption.

Document Conversion Specialist

Sept 2014 - Dec 2015

ViaTRON Systems, Inc, Gardena, CA

- Processed digital images using Kodak OCR and Kofax software to meet quality control standards.
- Conducted data entry and reviews for accurate software documentation.
- Archived and maintained software documents and databases with Microsoft Excel and Access.
- Prepared procedural and user software documentation.
- Collaborated with stakeholders to resolve software issues in compliance with standards.

PROJECTS

Face Detection Website *React.js, Node.js, Express.js, PostgreSQL* <https://facerecognitionbrain-caobeee.onrender.com/>
Using ClarifAI's face detection AI model, this project detects faces within user-input images via a URL.

Shopping Cart *HTML, CSS, JavaScript, Firebase*

<https://cart-app-caobeee.netlify.app/>

This mobile web app harnesses the power of Firebase's real-time database to provide users with a streamlined and responsive experience for data storage and retrieval on-the-go.