

Joe Gutman

Full Stack Developer | Graphic Designer

joe@brownboxstudio.com | 360-567-7420
26312 NE 147th Ave Battle Ground, WA, United States
github.com/joe-gutman | linkedin.com/in/joe-gutman

Technical Skills

- **Languages:** Python (4+ years), JavaScript (2+ years)
- **Frameworks & Libraries:** React, Node.js, Express, Flask, Quart
- **Web Development:** HTML5 (4+ years), CSS3 (4+ years), Git Version Control, AWS Deployment, Restful APIs
- **Design & Prototyping:** Photoshop (8+ years), Illustrator (8+ years), Figma, Blender (8+ years), Substance Designer, Substance Painter
- **Databases:** MongoDB, MySQL, PostgreSQL
- **General Skills:** Back-end Design, Front-end Design, Graphic Design, SQL, NoSQL, Debugging

Professional Experience

Personal Leave Due to Health | 2019-2022

Freelance Graphic Design and Programming | Brown Box Studio

2014-2018

Multi-disciplined freelance projects for clients on virtual platforms, researching, developing, designing, and delivering.

- Completed a range of successful freelance projects, including programming, 3D model design, and graphic design.
- Maintained a high client satisfaction rate, consistently delivering projects on time and exceeding expectations.

Freelance Mini Game Development | Brown Box Studio

2017

Interactive physics-based carnival mini game built for a client on a virtual platform | [Github Repo Link](#)

- Innovated the gameplay entry process, reducing multiple steps to a single seamless action.
- Mastered relative positioning techniques of physical objects, ensuring accurate object position placement during setup.
- Significantly reduced setup time for game owners, eliminating manual adjustments and streamlining game management.

Personal Experience

Ava - AI Voice Assistant | Personal Project

2022-Present

Multi-platform voice assistant built on LLM technology | Python, Quart, MongoDB, React, JavaScript | [Github Repo Link](#)

- Integrated advanced LLM-powered APIs, achieving high text-to-speech accuracy and natural-sounding voice output.
- Developed an intuitive AI interface for seamless communication, enabling human-like interactions.
- Integrated Cohere API for conversational AI, enabling users to execute custom functions through context-aware dialogue.

Tabletop Tracker | Project Lead | Hack Reactor Bootcamp |

July 2023

Tabletop board game collection manager and research tool | React Native, PostgreSQL, HTML, CSS | [Github Repo Link](#)

- Led and guided an 8-person team as Full Stack Project Manager during the development process.
- Collaborated closely with team members on UI/UX design, contributing a user-friendly multi-page interface design.
- Spearheaded the implementation and design of an AI chat companion, adding charm and creativity to the project.
- Integrated ChatGPT-driven AI chat for personalized game recommendations based on conversation with a user.

FEC Store Product Page | Hack Reactor Bootcamp

July 2023

Store Product Page Optimization | PostgreSQL, Express, Node, NGINX | [Github Repo Link](#)

- Integrated advanced LLM-powered APIs, achieving high text-to-speech accuracy and natural-sounding voice output.
- Developed an intuitive AI interface for seamless communication, enabling human-like interactions.
- Implemented NGINX Load Balancing, scaling server capacity to handle over 1000 requests per second.

Education

Hack Reactor | Software Engineering Online Immersive

May - August 2023

- Completed an intensive 3-month software engineering program, gaining full-stack development proficiency.
- Collaborated with diverse groups of peers, fostering strong team dynamics and enhancing problem-solving skills.

Open Courseware

- Introduction to Artificial Intelligence with Python In Progress
- Introduction to Computer Science and Programming (6.00SC) 2016