Noam Blanks | Full-Stack Software Engineer

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Full-stack software developer and erstwhile carpenter, looking to work with teams to create grander things than we could accomplish individually. Always pursuing the creative solution or out-of-the-box idea. If you don't have a regular D&D game going, I will take care of that, too.

Python | Flask | SQL | Postgres | Django | Express | Mongo | ReactJS
Git | NodeJS | Zsh | HTML | JavaScript | jQuery | CSS | Sass | Bootstrap

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RELEVANT EXPERIENCE

Markov Chain Monte Carlo API | *Data Manipulation API*   demo*:* billy-writes-good.vercel.app
Solo Project
- Python/Flask server which receives user input and returns MCMC method generated text
- Full CRUD API allows users to store and generate data across many use cases.
- Relational DB lets each user create multiple training-data samples, each of which can own multiple probability matrices.

Adulting | *Infrequent Task To-Do List*   adulting.vercel.app
Tech Lead & Version Supervisor
- Led team of 3 to develop full-stack MERN app. Receives frequency and last-done input and displays a "what's next" list for high priority, low frequency todos.
- Wrote priority sort algorithm based on when something was last done/is past due.
- Supervised GitHub pull requests, kept team up to date on latest dev build and resolved merge conflicts as they arose

Monster of the Week Character Creator | *TTRPG Player Utility*   motw-char-gen.vercel.app
Solo Project
- Interactive React webapp designed to lead the user through the character creation process.
- Dynamically populates options based on choices made by the user at each stage.
- Gives the user a finished and ready-to-play character one-sheet.

WORK EXPERIENCE

Off-Broadway/Touring Master Carpenter & Rigger   *2014-2020*
The Public | Shakespeare in the Park | Signature | St. Ann's Warehouse | etc…
- Coordinating teams of 4-10 to guide complex scenery from digital plans to physical reality inside of extremely tight budgets and time constraints.
- Calculating dynamic and static weights up to 4000lbs for flying audio/video equipment and scenery. Verifying hardware and load is within safe WLL and conforms to local regulations.
- Keeping automation desks and motors up to date and well maintained. Teaching new team-members on the correct care and use procedures for the automation system.

EDUCATION

General Assembly   **New York, NY**
Software Engineering Immersive   *2021, June-September*
12-week training program providing a deep dive into the world of software engineering, focusing on improving skills to facilitate a career as a full-stack developer.
The New School for Drama – *Master of Fine Arts (2014)*   **New York, NY**
Pacific Lutheran University – *Bachelor of Fine Arts (2011)*   **Tacoma, WA**