John Beers

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Technical Skills

Languages: Python, JavaScript, HTML, CSS, SQL, Markdown | **Frameworks/Libraries:** Django, Flask, Bootstrap, Jinja2, Rest APIs, htmx | **Databases:** MySQL, Postgres, Sqlite3 | **Tools:** Git, GitHub, Codeberg, JSON, MySQL Workbench, Podman, Figma, Balsamiq, Penpot, Shopify | **Operating Systems:** Linux, Windows

Technical Projects

Eisenhower ToDo List web app: Full-stack developer | Live Site | GitHub

- Used Python and Django to develop a full-stack web application which helps users manage and prioritize to-do list items using the Eisenhower Matrix
- Incorporated class-based views, built-in authentication and user permissions to follow best practices
- Utilized Bootstrap to maintain consistent styling and responsiveness across multiple screen sizes

Kadenz Fundraising web app: Full-stack developer | Live Site | GitHub

- Used Python and Django to develop a full-stack web application focused on helping school fundraisers
- Coded login/registration with validation and full CRUD functionality on multiple tables per project requirements
- Incorporated a third-party API (TomTom) to get latitude and longitude from fuzzy search and to display maps
- Utilized Bootstrap to maintain consistent styling and responsiveness across multiple screen sizes

Maerstanas: Front-end / Back-end Developer | GitHub (Pygame) | GitHub (Flask) | Live Site

- Employed Python to make a digital version of an abstract strategy game I invented
- Developed a basic AI that used randomization and simulation to determine the best move for the computer to play
- Implemented a GUI with Pygame and vector images for an improved UX over the original terminal version
- Rebuilt the game as a web app using the Flask framework to learn how to understand sessions

Image2sound: Developer | PyPI | GitHub

- Used Python with NumPy, Pillow and other third-party libraries to create a command line utility that converts images to audio files as the basis for a personal music project
- Incorporated argparse to allow users to specify arguments / flags, such as key, tempo, and length of audio file

Professional Experience

Volunteer Developer | re:Bloom | Pittsburgh, PA   2023 - Present

- Develop ecommerce solutions using a no- or low-code platform (Shopify), user testing and SEO to increase sales and drive return visits
- Design and wireframe sites with Figma to facilitate real-time collaboration with a development team working remotely and in different timezones
- Incorporate custom CSS and HTML to extend default templates to improve design consistency
- Create training materials for the client to use in maintaining website after project cohort has been completed

Assembly Supervisor | C&J Industries | Meadville, PA   2017 - Present

- Manage, coach, develop, and evaluate a department of 45-50 team members across multiple job titles
- Plan and schedule production to meet ship dates and customer quality expectations
- Implement 5S and lean manufacturing principles to improve efficiency, effectiveness, and safety
- Decreased the total number of departmental on-hold tags by 70% and total dollar value by 64% over three years

Assembly Team Leader / Setup | C&J Industries | Meadville, PA   2015 - 2017

● Supervised and trained a shift of 15 team members
● Responsible for troubleshooting secondary equipment to maintain or improve job up-time

Secondary Operator | C&J Industries | Meadville, PA   2014 - 2015

● Performed secondary operations to meet customer part specifications and ISO standards

Owner / Manager | Healthful Harvest, LLC | Meadville, PA   2012 - 2014

● Oversaw all daily business, purchasing, marketing, and sales activities
● Educated customers about dietary allergies, supplements, and eco-friendly products

Marketing Supervisor | Parkhurst Dining Services | Meadville, PA   2012 - 2014

● Contributed marketing materials using Adobe Photoshop, Adobe Illustrator, and Microsoft Publisher
● Maintained campus dining services website using HTML and WYSIWYG interface
● Remotely administered digital menu board systems

Assistant Director of Retail | Parkhurst Dining Services | Meadville, PA   2008 - 2012

● Designed tailored, streamlined kiosk interfaces to improve ordering and transaction speeds
● Implemented targeted marketing campaigns to drive retail sales and reduce food costs
● Coordinated with Student Activities Department to cultivate student and campus relations
● Constructed and maintained database for MICROS Point of Sale systems to serve multiple dining locations

Education

Coding Dojo | *Full-Stack Developer Certification* in Python   2023

Erie Manufacturer and Business Association | *Certified Professional Supervisor* | Erie, PA   2018

University of Phoenix Online | *Information Technology* | Phoenix, AZ   2003 - 2005