John Beers
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Technical Skills

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

Technical Projects

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: Developer | GitHub

- Employed Python to make a computerized abstract strategy game as a way to learn a new language
- 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

Image2sound: Developer | PyPI | GitHub

- Used Python with NumPy and Pillow 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

Phineas: Developer | GitHub

- Wrote a desktop application in Python to learn how to make create interactive widgets
- Built a basic Tkinter GUI to allow users to specify categories, such as activity type and number of participants
- Incorporated the Bored API to generate activity suggestions based on user input

Professional Experience

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

- Develop an ecommerce site using a no-code platform and user testing to increase sales and drive return visits
- Create training materials for business owner to use in maintaining website after project 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 customer part specifications and ISO standards

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

- Oversaw all daily business, purchasing, 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 maximize profit margin
- Coordinated with Student Activities Department to cultivate student and campus relations
- Constructed and maintained database for MICROS Point of Sale systems

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