Ramtin Seyedmatin

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EDUCATION

University of Kentucky   **Lexington, Kentucky**

Bachelor of Computer Science   *Expected Graduation, Dec 2026*

Related Coursework: Intro to Program Design, Design of Logic Circuits, Intro to Software Engineering Techniques, Web Programming, Discrete Mathematics l, Discrete Mathematics ll, Data Structures and Algorithms, Systems Programming, Engineering Statistics,

SKILLS

Languages: Python, C/C++, JavaScript, HTML, CSS, SQL, MATLAB

Frameworks & Libraries: React.js, FastAPI, Pandas, jQuery, Tailwind

Tools: Git, PostgreSQL, Linux, Jupyter Notebook, Node.js, Visual Studio Code, Arduino, Agile

EXPERIENCE

Xerox (formerly Lexmark International)   **Lexington, Kentucky**

Web Development Intern / Part-Time Student Worker   *June 2025 – Present*

- Implemented front-end features and UI fixes across multiple Agile sprints using **HTML**, **CSS**, **JavaScript,** and **jQuery** on **Power Pages** integrated with **Dynamics 365**, improving functionality and responsiveness.
- Developed 140+ reusable **HTML**/**JavaScript** components within **Power Pages** and **Dynamics 365**, accelerating content deployment, ensuring consistent UI, and enabling multilingual support.
- Collaborated with cross-functional teams in Agile sprints to deliver features, resolve defects, and ensure business and accessibility compliance.

University of Kentucky   **Lexington, Kentucky**

Computer Science Research Intern   *May 2024 – August 2024*

- Analyzed Uber/Lyft ride-hailing data using Alex Mucci's Transportation Network Company (TNC) Demand Model under Dr. Gregory Erhardt's guidance
- Optimized datasets, processing 6,000+ records using **Python (Panda)** for sourcing, cleaning, and validation to ensure model accuracy.
- Analyzed and visualized ride-hailing demand data across 80 census tracts, identifying critical patterns that informed internal research strategies to improve service deployment efficiency within urban areas.

PROJECTS

Habit Tracker | *Python, FastAPI, PostgreSQL, React.js, Git, HTML, Tailwind CSS*   *January 2025 – Present*

- Engineering a full-stack web application with a responsive user interface using **React.js** and a **RESTful API** built with **FastAPI** to allow users to track and manage their own habits for self-improvement
- Engineered a scalable **PostgreSQL** database to optimize storage and management of user habits and clusters, enhancing data retrieval efficiency and improving seamless tracking.
- Utilized **Git** for structured version control, maintaining accurate code history, enabling seamless rollbacks, and improving development efficiency.

Portfolio Website | *React, Tailwind CSS, JavaScript, Git*   *December 2025*

- Built a fully responsive personal website using React and Tailwind CSS with light/dark mode and reusable components.
- Implemented smooth page transitions, animation layers, and a structured navigation flow to improve user experience and engagement.

TNC Demand Model Southeast | *Python, Pandas, QGIS, Git*   *May 2024 - August 2024*

- Engineered and optimized **Python Pandas** scripts to clean, process, and validate 6,000+ records for ride-hailing demand modeling.
- Utilized Quantum Geographic Information System (QGIS) to create detailed geospatial visualizations highlighting demand patterns.

NON-TECHNICAL EXPERIENCE

Home Depot   **Lexington, Kentucky**

Appliances Sales Associate/Cashier   *March 2023 – Present*