Katelyn Stearn

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EDUCATION

Baker College   May 2021 – Expected May 2025
Bachelor of Science in Computer Science – 3.7 GPA   *Owosso, MI*

EXPERIENCE

Incoming Software Engineer Intern   Starting May 2024
Rocket Central   *Detroit, MI*

Data Analytics Student Co-op   Sept. 2022 – Present
DTE Energy   *Detroit, MI*
- Developed visually appealing and insightful business metrics visualizations using Power BI
- Utilized MS Excel to analyze data and uncover potential revenue loss
- Merged and analyzed data from diverse sources using SQL and DAX, discovering valuable connections between datasets
- Investigated and corrected errors that could negatively impact customers

Customer Service Representative   Mar. 2021 – Sept. 2022
The State Bank   *Grand Blanc, MI*
- Developed and maintained successful customer relationships by providing personalized banking assistance
- Identified suspicious account activity, errors, and potential fraud to protect customers from financial loss
- Expertly guided clients through digital banking services to ensure a seamless experience

ADDITIONAL TRAINING & ORGANIZATIONS

Rewriting the Code   July 2022 – Present
Member   *Online*

Intermediate Web Development Course   Sept. 2023 – Nov. 2023
CodePath   *Online*
- Developed interactive web applications using React.js
- Relevant topics: responding to complex user input, CRUD operations, web APIs

Front-End Engineer Career Path   May 2022 – Nov. 2023
Codecademy   *Online*

PROJECTS

My Assignments | *Android, Java, SQLite, XML*   Spring 2024
- Android native app for tracking assignments due dates
- Utilized SQL queries to store and retrieve assignments in persistent storage, designed attractive and intuitive user interface

SkillSages - Black Wings Hacks 2024 | *React.js, HTML, CSS, Python*   Spring 2024
- Web application for seniors to share their skills and knowledge with younger generations. Hackathon team project designed and built completely from scratch
- Built front end with React, connected to Python/Flask back end REST API endpoints, constructed HTTP requests for user authentication and data retrieval

Travel Tales | *React.js, HTML, CSS, Supabase*   Fall 2023
- Forum-style website for posts related to travel; posts can be liked or commented on
- Data hosted on Supabase and retrieved/modified/deleted via web API

TECHNICAL SKILLS

Languages: Python, JavaScript/React, HTML, CSS, Java, C++, C#, SQL
Developer Tools: Git, VS Code, Visual Studio, Replit
Concepts: Data structures and algorithms, object-oriented programming, SDLC, business intelligence, data analysis, relational databases
Other: Intermediate Japanese, teamwork/collaboration, excellent communication skills