ELEAH BURMAN, Software Engineer

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SUMMARY

An innovative software engineer, adept at crafting inventive solutions to complex problems while excelling in communication and collaboration. Tech stack includes: Python, React, HTML5, CSS3, JavaScript, and Express.

EXPERIENCE

Software Engineer
Tokio Marine HCC   **June 2023 - Present**
New York, NY

· Automate manual reporting utilizing Python, Java, Camelot, and Pandas to seamlessly generate CSV files from PDFs, streamlining Risk Management for the insurance team.

· Successfully debugs Python code in a small team, while testing and maintaining current code, in collaboration with the Risk Manager, focusing on long-term solutions.

· Collaborates closely with cross-functional teams to grasp business requirements and translate them to technical specifications.

· Developed automated solution to process and analysis of PDFs, reducing manual labor by 50% and thus increased accuracy of data from 32.3% to 98.7%.

Lead Software Engineer
Girls in Tech NYC Hackathon   **October 2023 - October 2023**
2nd Place Winner
New York, NY

· Led the full-stack development of a Python and Django based application, EcoNeighbor, which uses community-driven solutions to local environmental issues.

· Leveraged Python and Django to craft a user-friendly front-end interface, enabling users to pinpoint environmental issues on an interactive map that leverages an API and seamlessly engages with eco-action initiatives.

· Collaborated with UX designers and cross-functional teams to develop scalable and robust solutions with reusable components.

· Focusing on web-standards, semantics, usability, accessibility, and optimization, with special consideration given to code architecture, modularity, and reusability.

Executive Assistant
Citadel   **October 2022 - March 2023**
New York, NY

· Proactively anticipated demands and meeting arrangements of senior software engineer executive calendars.

· Developed travel itineraries and logistics utilizing the Concur system.

· Acted as liaison between Executive, their Senior Directs, and business colleagues.

· Managed facilities/space planning, team outings and events, and the onboarding of new employees.

· Utilized Microsoft Suite tools, including PowerPoint, Word, Excel, and Outlook, for Citadel X team initiatives and strategic meetings with the CEO and CTO.

PROJECTS

Drag Queen Collector
General Assembly · https://dragqueencollector.fly.dev/ · June 2023 - June 2023

· Developed with Python, Django, PostgreSQL, and AWS.

· Unleash your passion for drag queens, curate their captivating outfits, and capture their electrifying performances for the ultimate queen collection.

Bite Buddy
General Assembly · https://bitebuddyapp.netlify.app/ · May 2023 - May 2023

· Crafted with React, Node, MongoDB and utilizes an API.

· Ignite your culinary creativity with our React-based group project, leveraging an API to curate customized recipe boards.

Caffeinate-Me
General Assembly · https://caffeinate-me.fly.dev/ · April 2023 - April 2023

· Engineered with Mongoose, Express, Node and utilizes CRUD.

· Indulge your coffee cravings with this open-source MEAN stack application, infused with Google OAuth, enabling you to effortlessly add and review cafes, edit your reviews, and connect with fellow coffee enthusiasts.

· A user can personalize their profile with GIFs and a unique color scheme.

Cat Vs Cat Lady

General Assembly · https://catvscatlady.surge.sh/ · March 2023 – March 2023

· Constructed using HTML, CSS, Canvas and Javascript.

· Play against a human or ai in a game designed for frustrated cat owners who also happen to love tic-tac-toe.

· Developed a unique feature by creating a canvas script where a cat emoji descends from the top of the screen upon a win.

EDUCATION

Bachelor of Fine Arts

New York University · New York, N.Y. · 3.8 GPA

CERTIFICATIONS

Software Engineer

General Assembly · 2023

· Full-stack engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Google's Crash Course on Python

Coursera · 2023

· Certification covers Python fundamentals and automation, including script writing, basic structures (strings, lists, dictionaries), and creating custom objects for advanced programming.

Duke University's Python and Pandas for Data Engineering

Coursera · 2023

· Certification covers utilizing Pandas libraries for data manipulation, employing Vim and Visual Studio Code for Python coding, and setting up provisioned Python project environments.

SKILLS

Languages & Frameworks: HTML, CSS, JavaScript, Node.js, React.js, Express.js, Sequelize, Vue.js, Python, Flask.js, SQL

Databases & Platforms: MongoDB, PostgreSQL, AWS

Tools: Microsoft 365, Camelot, Pandas, GitHub, Visual Studio Code, Command Line, Mongoose, Insomnia, Postico, MongoDB