

# ELEAH BURMAN, Software Engineer

Jersey City, NJ, US ✉ EleahJBurman@gmail.com ☎ 516-965-3140 🌐 <https://www.linkedin.com/in/eleahburman/>

🔗 <http://www.eleahburmanportfolio.fly.dev/>

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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.

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## EXPERIENCE

### Software Engineer Tokio Marine HCC New York, NY

June 2023 - Present

- 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 2nd Place Winner New York, NY

October 2023 - October 2023

- 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 New York, NY

October 2022 - March 2023

- 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.

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## 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.
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## EDUCATION

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### Bachelor of Fine Arts

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

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## CERTIFICATIONS

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### 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.

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## SKILLS

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**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