Ehretz Geskin

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SUMMARY

Junior software engineer with a BA in Neuroscience and Behavior transitioning from research to software development. Proficient in React, JavaScript, Python, and Flask, with a focus on building scalable and efficient full-stack applications. Eager to apply strong analytical skills developed through research to solve complex tech challenges and contribute to company success. Passionate about software development and bringing scientific rigor to software engineering projects.

SKILLS

Programming languages: Javascript, Python, Basic C#, Basic MATLAB
Web development: React, Flask, Node.js, Express.js, jQuery, HTML, CSS
Databases: Prisma, SQL, SQLAlchemy, PostgreSQL, MySQL

PROJECTS

TransConnect | [GitHub Frontend](#) | [GitHub Backend](#)   *March 2025*
- Prisma/React-driven full-stack application that allows users to find and submit resources for transgender individuals (such as hotlines, therapists, shelters, public restrooms, etc).
- Allows users to create posts and comment on posts in order to engage with others in the community and find support.

MentalGaming | [GitHub](#)   *October 2024*
- Python/Flask-driven full-stack application that surveys users' mental states before and after playing various browser games.
- Data collected to be used for future research on therapeutic gaming.

EXPERIENCE

Software Engineering Student, Springboard | Online   *April 2024 – March 2025*
- Completed 800+ hours of hands-on course material, with 1:1 industry expert mentor oversight..
- Mastered skills in front-end and back-end web development, databases, data structures, and algorithms.

Lab Technician II/Research Assistant, Columbia University | New York, NY   *Sept. 2022 – Present*
- Analyze, collect, and present experimental data on escape behaviors in *drosophila* using MATLAB.
- Maintain 10,000+ genetic lines and assist in their appropriate inventory, in addition to creating and refining protocols, task sheets, and SOPs.

Research Assistant, Baruch College | New York, NY   *Sept. 2024 – Present*
- Researching dissociation in transgender and nonbinary adults.

EDUCATION & CERTIFICATIONS

Barnard College, Columbia University | New York, NY | May 2023
Neuroscience and Behavior, BA

Springboard | Online | March 2025
Software Engineering Certificate
- Eleven-month intensive course in Software Engineering methodologies and technologies with 1:1 industry mentor oversight.