Lauren Pak

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EDUCATION

Princeton University   **May 2027**
B.A. Computer Science, Minor in Statistics & Machine Learning   *Princeton, NJ*
Coursework: Data Structures and Algorithms, Advanced Programming Techniques (Web Development),
Programming Systems, Machine Learning, Computer Graphics (fall), Computer Architecture (fall)
Activities: Student Govt (Movies Committee), CS Undergrad Course Assistant, McGraw Peer Tutor (CS)

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, HTML/CSS, SQL, R
Frameworks/Tools: React, React Native, Node.js, Flask, Django, jQuery, Svelte, Bootstrap, Git, Figma

EXPERIENCE & LEADERSHIP

Aspiritech   **May 2025 – Aug 2025**
Software Engineer Intern   *San Francisco, CA*
- Enhanced IT auditing and domain security by developing a Python-based misconfiguration auditor integrating Google Drive/Sheets APIs to scan all files, process whitelist exceptions, generate access reports flagging unauthenticated sharing and external users, and automate email notifications.
- Upgraded company's automation workflows by integrating Web/Events APIs and webhook to post real-time Amazon Business order details to organization's Slack channel.

Kode With Klossy   **May 2025 – Aug 2025**
Product & Program Design Intern   *Remote*
- Remodeled and led flagship alumni coding program with Bloomberg and BWDC by developing a new Svelte-based scrollytelling technical curriculum, resulting in an 85% user engagement rate (an increase in rate by 30%) and securing 2 new partnerships with Infosys and Goldman Sachs.
- Spearheading alumni initiatives and upgrading the current curriculum (web development, AI/ML, data science) for one of the top global coding camps empowering 10K+ female scholars.

Business Today   **Mar. 2024 – Present**
Technology Director (International Conference)   *Princeton, NJ*
- Implementing an all-in-one mobile application including attendees' personalized schedules, an internal QR code attendance system, and a Goosechase-inspired game for the 51st conference.

The Daily Princetonian   **Sep. 2023 – Present**
Head Web Development Editor   *Princeton, NJ*
- Lead the team's development of websites (web articles) and software maintenance for the school newspaper, The Daily Princetonian, and its 50K weekly readers.
- Won first, second, and third place with the team for NJPF's College Newspaper Contest.

PROJECTS

TigerHome | *Python, Flask, PostgreSQL, jQuery, Cloudinary, Render*   **Mar. 2025 – May 2025**
- Developed a full-stack web app and its internal/external testing to help Princeton students find summer roommates and housing securely and effectively through authentication, personal profiles, table or map view of other users, connection requests, and exchanging contacts once connected.

Project Edson | *R, Shiny*   **Jun. 2024**
- Analyzed data detailing all FIFA World Cup 2022 goals and created an interactive web app of every game-by-game summary. (Posit Table Contest '24 Winner)

XSkills | *BCG's 'Hack the Globe' Hacker*   **Feb. 2024 – Mar. 2024**
- Presented an accessible educational platform at BCG's social impact hackathon by developing its web design, implementing its MVP, analyzing marketing strategies, and pitching its business model.