Lauren Pak

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EDUCATION

Princeton University   **May 2027**
B.A. Computer Science, Minors in Statistics & Machine Learning and Finance   *Princeton, NJ*
Relevant Coursework: Data Structures & Algorithms, Programming Systems, Object-Oriented Programming, Data Science, Linear Algebra, Multivariable Calculus, Microeconomic Theory, Graphic Design (Typography)

TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML/CSS, JavaScript, SQL, R
Framework/Tools: React, Linux, Node.js, Bootstrap, Git, Figma, Adobe InDesign

EXPERIENCE & LEADERSHIP

The Daily Princetonian   **Sep. 2023 – Present**
Web Development Assistant Editor   *Princeton, NJ*
- Lead the team's development of web apps and software maintenance for The Daily Princetonian's 50,000+ weekly readers, using technologies like React, HTML/CSS, Javascript, and Bootstrap.
- Helped team win first, second, and third place for NJ's 2023-24 College Newspaper Contest.

Business Today   **Mar. 2024 – Present**
Software Engineer & Tech Consultant   *Princeton, NJ*
- Developing a dynamic web app (to create personalized schedules and event reminders), QR code attendance system, and placement algorithm for Business Today's 50th International Conference.
- Analyzing and cleaning data of all attendees' event attendance for post-conference logistics.

Princeton Department of Computer Science & Princeton CSML   **Aug. 2024 – Present**
Undergraduate Course Assistant   *Princeton, NJ*
- Grade and critique 10+ Java assignments weekly for COS 126 (Object-Oriented Programming).
- Assist students on R projects weekly as a precept teaching assistant for SML 201 (Data Science).

Kode With Klossy   **Mar. 2022 – Aug. 2024**
Web Development & Data Science Instructional Leader   *Remote*
- Taught and mentored 150+ high-school girls in website development (HTML/CSS/JavaScript) and data science & visualization (Python, SQL).
- Managed camp logistics and virtual operations, posed as project manager for 60+ scholar projects, and held all-hands meetings leading other instructors through camps.

North Carolina State University   **Jun. 2023 – Aug. 2023**
Educational Software Development Intern   *Remote*
- Designed sprints and developed CS-infused curricula for school subjects like math and biology.
- Curricula currently used statewide by 50+ North Carolina primary and secondary educators.

PROJECTS

Project Edson | *R, Shiny, Bootstrap, Data Analysis*   **Jun. 2024 – Present**
- As lead researcher, compiling data to create a prediction model for the 2026 World Cup.
- Analyzed data detailing all goals in the FIFA World Cup 2022 and created an interactive web app of all its game-by-game summaries. (Posit Table Contest '24 Winner)

XSkills | *React, Figma, Business Analysis*   **Feb. 2024 – Mar. 2024**
- Selected among 10% of all applicants to present XSkills for Boston Consulting Group (BCG)'s "Hack the Globe" Hackathon.
- Designed its prototype using Figma, created its web app MVP using React, analyzed its marketing strategies, and pitched its business model.