

# Lauren Pak

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## EDUCATION

### Princeton University

*B.A. Computer Science, Minors in Statistics & Machine Learning and Finance*

**May 2027**

*Princeton, NJ*

Relevant coursework: Data Structures and Algorithms, Data Science, Object-Oriented Programming, Multivariable Calculus, Tech Ethics, Programming Systems (fall), Microeconomic Theory (fall)

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML/CSS, SQL, R

**Framework/Tools:** React, Node.js, Django/pandas/NumPy, Bootstrap, Git, Figma, Microsoft Office

## EXPERIENCE & LEADERSHIP

### Business Today

*Software Engineer & Project Manager*

**Mar. 2024 – Present**

*Princeton, NJ*

- Developing a dynamic website using React, Node.js, and Firewall for Business Today's 50th International Conference to create personalized schedules and event reminders for attendees.
- Created a placement algorithm to personalize and sort business executives' event schedules.

### The Daily Princetonian

*Web Development Assistant Editor*

**Sep. 2023 – Present**

*Princeton, NJ*

- Lead the team's development of web projects and special web issues for The Daily Princetonian's 50,000+ weekly readers, using technologies like React, HTML/CSS, Javascript, and Bootstrap.
- Collaborating with the tech sub-team to enhance the Today @ Princeton Chrome extension and implement a dark mode for the newspaper's official website.

### Kode With Klossy

*Web Development & Data Science Instructional Leader + Camp Coordinator*

**Mar. 2022 – Aug. 2024**

*Remote*

- Mentored high-school girls in website development (HTML/CSS, JavaScript) and data science & visualization (Python, SQL).
- Managed camp logistics and operations, posed as project manager for 60+ scholar web projects, and held all-hands meetings leading other instructors through camps.

### Princeton McGraw Center for Teaching & Learning

*Computer Science Tutor*

**Feb. 2024 – May 2024**

*Princeton, NJ*

- Tutored COS126 (Object-Oriented Programming) students in group study halls.

### North Carolina State University

*Educational Software Development Intern*

**Jun. 2023 – Aug. 2023**

*Remote*

- Designed sprints and developed CS-infused curricula for school subjects like math and biology.
- Curricula currently used statewide by North Carolina primary and secondary educators.

## PROJECTS

### Project Edson | R, HTML/CSS, Shiny

**Jun. 2024 – Present**

- Collected, cleaned, and analyzed data of all goals in the FIFA World Cup 2022.
- Compiled an interactive web app of all game-by-game summaries using R, Shiny, & HTML/CSS.
- Won Honorable Mention for Posit's 2024 Table Contest.

### XSkills | React, Figma, Business Analysis

**Feb. 2024 – Mar. 2024**

- Selected among 10% of all applicants to develop and present for Boston Consulting Group (BCG)'s "Hack the Globe" Hackathon
- Designed using Figma, implemented the web app MVP using React.js, analyzed marketing strategies, and pitched our business idea to BCG and McKinsey panelists