Seth Bernstein

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Professional Experience

2023/06 – 2023/08	**UI/UX Designer Intern**
	Coded By Kids - Draft Studios

- Led user research and identified 5 major pain points for new product design.
- Designed and developed wireframes and prototypes to refine the user experience for the new interface.
- Conducted usability tests with over 50 users and implemented actionable feedback to enhance design quality.
- Collaborated with a cross-functional team

2022/03 – present	**Temple University HCI Lab Research Lead (5+ Publications)** ⧉

- Stayed abreast of emerging technologies and continuously updated on relevant publications.
- Analyzed and distilled insights from various computer science research papers, and mentored new researchers in critical reading techniques.
- Organized and facilitated community events, engaging over 20 researchers within the lab.

Education

2021/08 – present	**Computer Science**
	Temple University (Honors Program), College of Science & Technology, Philadelphia, PA
	Minor: Digital Media Technologies

Relevant Coursework

Introduction to Problem Solving and Programming in Python
2021

Data Structures
2022

Mathematical Concepts in Computing
2022-2023

Program Design and Abstraction
2022

Computer Systems and Low-Level Programming
2023

Introduction to Systems Programming and Operating Systems
2023

Projects

2023	**Green Genius Recycling Identification**

- Conducted user research and designed an app to assist students in identifying recyclables.
- Developed wireframes, prototypes, and conducted usability testing to enhance user experience.

2023	**Big-O Code Optimizer** ⧉

- Designed and developed a Flask-based optimizer for code optimization based on user-defined time complexity.
- Integrated OpenAI GPT-4 API for code refinement.
- Enhanced the UI using Bootstrap 4, incorporating syntax highlighting and responsive feedback.

Leadership

2023	**OwlHacks Hackathon Director – Spring & Fall (250+ Participants)**

- Managed 30+ volunteers; oversaw sponsorships, logistics, and budgets.
- Achieved participant growth, with an increase of 100+ from spring to fall.

2023/08 – present	**President, Temple University ACM**
	Association for Computing Machinery

- Organized events for 50+ members, including socials, workshops, and talks.
- Managed a team of 10+ leaders; oversaw logistics, marketing, and content.

Technical Skills

Programming Languages
Python, Java, C, R, JavaScrip

Design & Prototyping
Figma, Photoshop

Web Development
HTML, CSS, React, FLask, MySQL

Operating Systems
Linux, Windows, macOS