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Kimberly Epstein

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EDUCATION

University of Pennsylvania | Philadelphia, PA

May 2024

Candidate for Bachelor of Arts | *Majors:* Computer Science; Cognitive Science | *Minors:* Consumer Psychology; Linguistics

Cumulative GPA: 3.76/4.00

Relevant Coursework: Programming (3 terms); Computer Systems; Software Engineering Design; Data Science; Discrete Math; Cognitive Science; Brain and Behavior; Experimental Psychology; Philosophy of Mind & Language; Linguistics

SKILLS

Coding Languages:

Advanced: Java, JavaScript, Python

Intermediate: R, HTML

Proficient: PHP, CSS, OCaml

Technical Skills:

- Node JS
- React
- GitHub Actions
- Heroku
- MongoDB
- Docker
- Jest
- Cypress
- Junit Testing

Practical Skills:

- Software Design/Development
- Test-Driven Development
- Project Management
- Web Services/API
- Mobile App Development
- Object-Oriented Programming
- Functional Programming
- Event-Driven Programming

Foreign Language: Spanish (Intermediate)

PROFESSIONAL EXPERIENCE

UPenn Computational Social Science Lab, *Research Assistant* | Philadelphia, PA

May 2022 – Present

- Conduct research on polarization in group discussions, aiming to develop a predictive algorithm for optimal interventions
- Design and create deliberation experiment using the Empririca framework in Node JS and React
- Work with research team to make design decisions which prioritize feasibility against consumer needs

UPenn Computer and Information Science Department, *Teaching Assistant* | Philadelphia, PA

July 2022 – August 2022

- Assist professor with teaching CIS 5730, a graduate level course relating to Software Engineering Design Principles
- Mentor students, building one-on-one relationships and reinforcing understanding of implementation and testing strategies

Institute for Human & Machine Cognition, *Research Intern* | Ocala, FL

March 2021 – September 2021

- Processed and compiled data from 400+ twitter users using Python
- Designed, built, and deployed survey interface to collect data using the Collector program in CSS, HTML, and PHP
- Collected data related to how participants perceive credibility of tweets related to COVID-19
- Gathered data from 200+ participants with Amazon Mechanical Turk survey software
- Communicated effectively with research team to efficiently complete tasks

Independent Tutor, *Geometry, Algebra II, & Pre-Calculus* | Virtual & Ocala, FL

August 2017 – Present

- Effectively communicate math concepts to student
- Enhance student learning through visual demonstrations and real-world applications
- Build positive one-on-one relationship with student

LEADERSHIP & OTHER EXPERIENCE

Penn Student Government, *SPEC Pop-Up Director* | University of Pennsylvania

September 2020 – Present

- Plan various events open to Penn's student body, which consistently include 300+ participants
- Distribute \$14,000 budget among student events and organizational needs
- Act as liaison between university personnel, club members, and student body

Zeta Tau Alpha, *Alpha Beta Chapter* | University of Pennsylvania

September 2021 – Present

- Raise morale for COVID front-line hospital workers by writing cards and donating supplies
- Host campus-wide breast cancer awareness fundraiser event for Zeta Tau Alpha Foundation
- Work with recruitment team to interview over 500 women for placement in sorority