

ZOE STEPHENS

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EDUCATION

Wellesley College

GPA: 3.9/4.0

Candidate for Bachelors of Arts in Cognitive and Computer Sciences

Aug. 2023 – May 2027

- Relevant classes: Data Structures, Combinatorics and Graph Theory, Fundamental Algorithms, Principles of Programming Languages, Linear Algebra, Organismal Biology, Molecular Biology, Animal Behavior

EXPERIENCE

Wellesley College Mattila Lab

Wellesley, MA

Research Assistant

Sep. 2025 - Present

- Developed research methods for Southern Giant Hornets

University of Chicago Gilad Lab

Chicago, IL

Cell Biology Intern

Jun. 2025 - Aug. 2025

- Reprogrammed LCLs, and worked with Feeders and Feeder-frees (hiPSCs)
- Formed HDCs for use in drug trials

Wellesley College Kim Lab

Wellesley, MA

Research Assistant

Jun. 2024 – Dec. 2024

- Performed data analysis on linguistics data and presented findings
- Coded a linguistics experiment, disseminated, and analyzed resulting data

Super Summer Sports Camp

Chicago, IL

Camp Counselor

Jun. 2023 - Jul. 2023

- Managed a group of children and their conflicts; taught them to play various sports

Hyde Park Refugee Camp

Chicago, IL

Camp Counselor

Summers 2018 – 2022

- Helped ESL and refugee children participate in various activities such as math, reading, and sports

University of Chicago DSI

Chicago, IL

Data Science Intern

Jun. 2021 – Aug. 2021

- Contributed to a paper: M. Awh, K. Latimer, N. Zhou, Z. Leveroni, A. Poon, Z. Stephens, and J. Yu. “Persistent Impact of Prior Experience on Spatial Learning.” eNeuro 11, no. 9 (2024). <https://doi.org/10.1523/ENEURO.0266-24.2024>.
- Performed exploratory data analysis on raw data and videos of rat behavior in various mazes
- Gained knowledge of effectively working collaboratively on data analysis

PROJECTS

Spreadsheet Coding Project | Google Sheets, Google Apps Script, Python

Spring 2024

- Utilized web scraping to create a google sheet template with capabilities useful for Wellesley College four year planning

Cipher Computing Project | JupyterLab, Python

Summer 2020

- Used programming and cipher knowledge to explore various algorithms for solving various types of ciphers (aristocrat, baconian, vigenere)

TECHNICAL SKILLS

Language: Conversational Mandarin

Programming Languages: Python, Java, HTML, R, Racket, Plait

Software: Github, Terminal, Google Suite, Microsoft Suite, PyCharm, VSCode, JupyterLab, RStudio, BlueJ

Scientific and Laboratory Skills: Research, scientific writing, pipetting, diluting, preparing sample slides, using a compound microscope, dissecting, caring for human-line cells (LCLs, Feeders, iPSCs), reprogramming LCLs, forming HDCs