

# ELENA HERTEL

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## Education

### University of Chicago

B.S.: Majors - Computer Science & Biology

GPA: 3.65/4.00

Chicago, IL

Expected Graduation June 2024

**Relevant Coursework:** Introduction to Computer Science I-II, Calculus II, Introduction to Quantitative Modeling in Biology, Introduction to Computer Systems, Discrete Mathematics, Theory of Algorithms, Advanced Algorithms, Functional Programming, Data Science for Computer Scientists, Introduction to Human-Computer Interaction

### Princeton High School (PHS)

Unweighted GPA: 3.93 / Weighted GPA: 4.43

Test Scores: ACT: 35/36; AP Tests: Statistics, Computer Science, Calculus BC, French, English, Biology, Chemistry - 5/5;

SAT Subject Tests: Math, Biology - 800/800

Princeton, NJ

2016 – 2019

## Employment

### Hamilton Insurance Group

*Software Development Intern*

June 2023 - August 2023

London, England

- Worked as full-stack developer on the AI development team
- Facilitated implementation of GPT language model to expedite insurance submission processing
- Created and modified web components in ReactJS; wrote component tests for deployment pipeline
- Wrote functions for document pre-processing and corresponding unit tests in Python

### Blinklab

*Intern - Part-time*

September 2022 - June 2023

Princeton, NJ

- Worked for biotech startup utilizing smartphone technology to diagnose/monitor neurological conditions
- Performed data collection, normalization, and analysis in R

### Janssen Pharmaceuticals (Johnson & Johnson)

*Quality Control Intern*

June 2022 - September 2022

Malvern, PA

- Assisted in execution and documentation of company's first virtual audit
- Designed and developed QR Code PowerApp system to track issuance, location, and archiving of data logbooks

### Generation Biotech & Neuropair

*Laboratory Intern*

June 2021 - September 2021

Princeton, NJ

- Worked directly with Founder/CEO and Chief Scientist
- Designed and executed experiments related to novel DNA sequencing technology and spinal cord repair

### Plug & Play Tech Center

*Food & Beverage Intern*

September 2019 - December 2019

Sunnyvale, CA

- Performed research and outreach to source new startups and corporate partners
- Researched and presented findings on novel global food & beverage trends

## Extracurriculars

### Food Recovery Network

Member of school organization addressing environmental justice and food insecurity by recovering leftover food on campus for distribution to local shelters and community centers

October 2020 - Present

### MEDLIFE

Member of community service committee organizing local events and service projects for low income families

October 2020 - Present

## Other Educational Programs

### Piccola Università

Completed intensive Italian language immersion course

August 2022

Tropea, Italy

### BLI

Completed intensive French language immersion course

January 2020

Montreal, Canada

## Skills/Interests

Spoken languages: Fluent in English, German, and French;

Programming languages: C, Python, Java, Racket, ReactJS, R, Haskell

Interests: crocheting, pasta-making, fishing, snowboarding, rubik's cube