

# ANNA LEE

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## EDUCATION

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**Bachelor of Computer Science**, Carnegie Mellon University  
School of Computer Science

Expected May 2025

- **Selected Coursework:** Artificial Intelligence: Representation and Problem Solving, Algorithm Design and Analysis, Introduction to Computer Security, Foundations of Programming Languages

**High School Diploma**, Harriton High School

Sep 2016 - Jun 2020

## EXPERIENCE

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**Teaching Assistant (15-210)**

Carnegie Mellon University

August 2023 - Present

*Pittsburgh, PA*

- Held weekly recitations and office hours, teaching data structures and algorithm design.

**Teaching Assistant (15-112)**

Carnegie Mellon University

Jan 2022 - August 2023

*Pittsburgh, PA*

- Held weekly recitations and office hours, teaching Python and problem-solving skills to over 20 students.
- On grading division, created rubrics, collaborated with leads, and led grading sessions while balancing efficiency and attention to detail.
- Mentored students in a medium-size independent project, providing personalized guidance.
- As content creation lead, created daily recitation plans, practice quizzes, and extra practice session plans, targeting learning objectives and challenging critical thinking.

**Store Associate**

CVS Pharmacy

Oct 2020 - Jun 2021

*Rosemont, PA*

**Data Analyst**

Mastery Schools

Sep 2020 - Dec 2020

*Philadelphia, PA*

- Performed statistical analysis of employee retention using Microsoft Excel, interpreting trends over several years.
- Synthesized data into high-level summaries of general trends for presentation.
- Reported findings and presentation directly to Chief Talent Officer.

## PROJECTS

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**Memory Allocator**

June 2022

Project for 15-213 (Introduction to Computer Systems)

Wrote a dynamic memory allocator in C, applying optimizations to improve throughput and memory utilization. Optimizations included segregated lists for block sizes, shrinking the size limit of allocation, and removal of footers for better utilization.

## ADDITIONAL

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**Languages**

Python, C, SML, C++

**Tools**

Git, Vim, Microsoft Excel, Latex

**Soft Skills**

Problem-solving, Communication

**Other**

U.S. Citizen; no work authorization required

## HONORS

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- SCS Dean's List F22, S23