

# DAVIS GRAMZA

HIGH SCHOOL STUDENT – COMPUTER SCIENCE SPECIALIZATION

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224-355-7883

## ABOUT ME

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**Technical Skills** Python, Java, Unix/Linux, C, MySQL

**Interests** Web Development, Mathematics, Machine Learning

**Media Skills** HTML, CSS, Javascript

## WORK EXPERIENCE

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### Lake County Health Department

Software Intern, Health Informatics

Waukegan, IL (Summer 2019)

- Worked to adapt a web application to allow the identification and targeting of demographics of a population to advocate related government services
- Performed research to allow external data sources into the input of the application and increase the accuracy of record linking algorithms, reported findings.
- Identified process to implement changes to allow the integration of county data into the program.
- Worked with Flask, PostgreSQL, and Javascript

### Open Doors, Lake Forest High School

Software Engineer, Education Services

Lake Forest, IL (June 2018 - Present)

- Built a full-stack application to connect students with job-shadowing opportunities using a Flask backend
- Used Linux, Apache, MySQL, and Python to control dataflow of the application
- Managed the development of project while taking in input from administrative panel, allowing the formation of immersive UX from program users and administrators
- Program will service 1,500 enrolled students at Lake Forest High School on deployment in Fall 2020

### Target

Guest Advocate, Retail

Highland Park, IL (October 2019 - June 2020)

- Served customers at checkout lanes and guest service
- Interacted with customers to positively represent brand and creating a personable connection
- Worked closely with supervising staff to ensure full coverage across front end

## COMPETITIONS AND PERSONAL PROJECTS

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### picoCTF

(Fall 2019)

- Solved cybersecurity oriented questions in competition hosted by Carnegie Mellon University
  - Implemented and modified Assembly and Python programs
  - Gained perspective on security vulnerabilities in applications
- Team placed 63/10,000
- Individually placed 107/10,000

## EDUCATION

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### Lake Forest High School

Lake Forest, IL (2017-Present)

- Focus on STEM Curriculum for preparation for Computer Science degree
- Took math curriculum for high school credit while enrolled in middle school
- GPA: 5.31/5 W
- ACT: 36
- Honors: High Honor Roll

### Online Coursework

(2017-Present)

- Independently advanced knowledge of Computer Science topics
  - Harvard CS50 OpenCourseWare
  - MIT 6.006 OpenCourseWare
  - Stanford Introduction to Machine Learning Coursera
- Implemented a variety of web applications, command line tools, and algorithms as part of problem sets