

# Kelton Lindsey

COMPUTER SCIENCE AND ENGINEERING ·

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## Summary

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Student at UCI Donald Bren school of computer science, looking for active internships and a workplace to further my education in the field of computer science. Optimization and Security have always been very cool colliding concepts for me, oftentimes security came at the cost of speed, or vice versa, with captcha and multiple firewalls. It's a field where nanoseconds and a better algorithm determines where your company is worth billions or put to the wasteland. And that excites me, I want to be part of the best and make them even better. Computers are always getting smarter, and thus you need a pilot just as capable to advance alongside the machine, that is what I offer.

## Work Experience

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### Pavilions

Laguna Beach, Cali.

DELI CLERK

Jun. 2020 - Current

- Worked within the front of the deli department gaining experience with customers and being around other people.
- Started and helped manage a new program called Ready Meals, which makes people's favorite dishes from around the world ready to be heated and eaten within 5 minutes, this display is now netting about 500 in sales daily.
- I worked the morning shift, coming in at 5 am almost every day to be prepared
- Was trusted to open when there would be utmost 1 other person with me
- Allowed to do ordering and distress which if failed would cost the store thousands of dollars

### Lindsey Farms

Fresno, CA

RANCH HAND  
2016-2020

- I worked with cattle during the breeding/vaccinating time of year with my family and tagged dozens of cattle for the coming year.
- Early morning where you could come out at the crack of dawn and work for 6 hours without a break
- You can make very stressful situation where you have a bull out of line and have to stay calm and diffuse the situation

## Programs

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2020 Co-author, **JustAnotherLeagueBot**, Video game bot based off Riot games API

Laguna Beach, CA

First time using the discord API, which was foreign but doable to learn, and I actually used mongoDB within this bot for holding information

2022 Co-author, **UMI**, A discord bot using multiple APIs for the betterment of the users daily life

Able to find the website and presentation of the post within this devpost

won award on usage of Google Cloud API within the VenusHack

I also wrote the script for the presentation and was deemed the best to sell a pitch within our group

2022 Co-author, **SliceOfLife**, Social media app made via Angular and Python for the API logic

Completely cloud based, ran on AWS, and uses PostgreSQL to run big queries

Was accompanied with all business articles alongside, ex. business case, Gantt chart, final presentation

2021 **Team Sorter**, Project within an ICS class, A file reader that took in CVS files and returned the order

of teams based upon the amount of votes. Important take away was manipulation of files and the ability to change json and excel files into usable code

2022 **Ball Simulation**, Project within an ICS class, A model that would run a plethora of different types of balls

that all had different interactions based upon hierarchy. Important take away was how multilayered inheritance worked, and how to interact with default classes as a parameter of a custom class

2022 Co-author, **Gamedle**, Project for the MUC hackathon, based off the game of Wordle

was a 3 tiered web application, with a server, Front-end, and Back-end, was all python

## Education

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UCI(University of Irvine California)  
B.S. IN COMPUTER SCIENCE AND INFORMATICS  
Clovis North  
Highschool diploma/Certificate

*Irvine, California*  
*sept. 2020 -Current*  
*Fresno, CA*  
*Aug. 2016 - 2020*

## Extracurricular Activity

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Clovis North  
WATER POLO CAPTAIN

*Fresno California*  
*Jun. 2014 -Jun.2020*

- Was the main leader within the water polo community at my high school.
- was also selected to be on the all star team within the entire central valley.
- Was always looked to when a problem occurred or when the team morale was down
- Ended up with the coaches award, labeled as a leader and pillar of the team
- Had on average 18 hours of workout ranging from 5 am to 6 pm

Clovis North  
CAPTAIN - E-SPORTS

*Fresno California*  
*Sep. 2016 -July.2020*

- was selected to be on the League of Legends team for our school based upon my ability to communicate and multitask within the game.
- Ended up getting within top 6 of all schools in California.
- was designated the shot-caller and ran the drafts, which is supposed to be the more mentally taxing side of the game and requires a lot of trust out of teammates

Games Club  
Member

*Irvine California*  
*Jan.2021-current*

- Part of the brain games club within UCI, run some events related to trivia/ics
- Fairly small community but did win the last local competitive against other UCI students
- Games were meant to test your quick thinking, rather than be a memory contest
- Also tested your adaptability as much of the games are supposed to be games you have never played before
- had about 10 or so teams of 4 competing

Running  
Member

*Irvine California*  
*Jan.2021-current*

- With the whole COVID epidemic and no longer being part of a sport team I have picked up running and calisthenics
- Without the constant pressure and demand of HS school sports it is all self motivation
- Still work out 4 days of the week, about 2-3 hours with at least 2 miles of running within that
- Running is much more stressful on the joints and have to manage my rest/mileage

## Skills

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Effective communicator, Primary language is English, Did speech and debate within HS, with best topic being expository\

**Ability to be Leader or Listener**, Through college team assignments and Sports, I have realized that on some topics I'm not gonna be the smartest in the room, and when I am confident I have to speak up. Such as when during the making of UMI we had a algorithm of  $N^2$  where I was the only one who knew how to change it to a  $2N$

**Effective and fast typer**, Can hold and average 90-110 words a minute on keyboard, used to write entries and or diaries in order to get better at games and sports, little notes, and have picked up a decent

**Fast and able learner**, Have had my fair share of failure and not stubborn to learning from others, within League of Legends, the game get changed every 2 weeks and you can never know what is strong or weak until you play and adapt, also had to know the difference between Python 3.8 and 3.9 as it switched between my college career, making optimization possible

**Known Languages**-Python(3 years of college level experience)

- Java(self taught/HS for 4 years)
- Know how to effectively use all microsoft based programs(word,excel,notes,etc.)
- Know how to use VSC, have been using it throughout College, even when professors recommend other
- Have used replit/VSCode Together, where there is split control and working alongside remotely
- Skills in AWS(cloud practitioner)