

# Derek Lin

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## EDUCATION

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**University of California, Davis**  
*Bachelor of Science in Computer Science*

Davis, California  
*September 2018 – June 2022*

## EXPERIENCE

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**Incoming Software Engineer Intern at Jack Henry & Associates**

June 2021 – August 2021

*Remote*

*Lexington, Kentucky*

- Incoming software developer with iPay, a subsidiary within Jack Henry that focuses on online billing. Strong emphasis on .NET framework, C#, SOAP/REST APIs, test-driven development, and agile/scrum methodologies.

**Software Engineer Intern at 7Qubes**

March 2021 – Present

*Remote*

*Chicago, Illinois*

- Software developer for 7Qubes, a startup aimed to enhance small businesses with data-driven decision-making tools using business-to-business products.

**NCAA Division I Cross Country and Track Student-Athlete**

September 2018 – Present

*University of California, Davis*

*Davis, California*

- 20+ weekly hours of training and conditioning, year-round, while competing in the fall and spring seasons.
- Personal bests of 32:29 in the 10k, 15:17 in the 5k, and 4:04 for 1500 meters.

**Tofu Salesman**

October 2017 – August 2020

*Wa Heng Dou-Fu Corporation*

*Stockton, California*

- Provided customer service, calculated costs of soy products, and communicated weekly prices to customers in a fast paced environment.

## PROJECTS

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**PizzaButton** | *Python, AWS Lambda, Git, IoT*

- Implemented an AWS Lambda function that triggers via an IoT button click to order a pizza through the Dominoes API.

**Superchat** | *React.js, Git, Firebase*

- Created an app where users can type messages to each other on the web. Prompts user authentication via gmail and bans users for violating community guidelines.

**RunnerApp - HackDavis 2021** | *React.js, Git, Flask*

- Created an app that utilizes Google Maps API to generate popular running routes based on difficulty and location of the user from .gpx files in the area.

**Uno Card Game** | *C++, Git, Linux*

- Implemented objected-oriented programming fundamentals to create a complex, card game with multifaceted decks and rules based on the popular game – Uno.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++/C#, SQL, JavaScript, HTML/CSS, R, Ruby

**Frameworks:** React, Node.js, Flask, Firebase

**Developer Tools:** Git, Docker, Google Cloud Platform, AWS Lambda, IoT, Visual Studio, CLion

**Relevant Coursework:** Data Structures, Algorithm Implementation & Analysis, Object-Oriented Programming, Operating Systems, Computer Architecture, Probability & Statistical Modeling, Abstract Math, Writing Disciplines: Engineering

## EXTRACURRICULARS

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**Awards:** Big West Conference All-Academic, Varsity Most Valuable Runner in Track and Field, Dean's List

**Activities:** Humanities and International Studies Program, California Scholarship Federation, Computer Science Club