DAVIS CARMICHAEL

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# EDUCATION

**Chapman University, Fowler School of Engineering, Schmidt College of Science and Technology**

**Orange, CA**

*Bachelor of Science in Physics and Computer Science December 2022*

* *Relevant Coursework:* Data Structures and Algorithms, Web Development, Cybersecurity, Database Management, Quantum Mechanics, Optics Lab

# EXPERIENCE

## Costco Wholesale Tustin, CA

*Food Service Assistant July 2023 – Present*

## Prepare food and other menu items quickly in a fast-paced environment.

## Ensure cleanliness of the kitchen and surrounding areas.

## Promptly handle transactions and take orders from members.

## Manage inventory and supplies to keep the kitchen running efficiently.

## Chapman University Tutoring and Learning Center Orange, CA

*Supplemental Instructor August 2022 – December 2022*

* Provided tutoring and practice sessions to enhance students' physics skills.
* Simplified complex concepts, ensuring effective understanding and retention.
* Collaborated with professors to identify and address common challenges in course topics.
* Delivered comprehensive support, addressing individual student inquiries with precision.

## Evan’s Creek Landscaping Sammamish, WA

*Landscape Technician Summer 2019, Summer 2021*

* Managed daily site cleanup, performed electrical work, and executed physical labor tasks.
* Assisted in the care and maintenance of delicate plants, ensuring their well-being.
* Operated and maintained diverse landscaping equipment with precision.
* Collaborated closely with the team lead, ensuring timely completion of projects.

# LEADERSHIP

## Chapman's Cross Country/Track & Field Team Leadership Committee July 2019 – May 2021

* Led the leadership committee, fostering a competitive and positive environment for team success.
* Delegated tasks to committee members, promoting efficient teamwork and communication.
* Organized extra training sessions, enhancing team skills and performance.
* Nurtured team camaraderie through team-building activities and a supportive atmosphere.

# CHARACTERISTICS

* *Awards***:** Washington State Honors Award, Highest Sports Team GPA all 4 years (Cross Country)
* *Traits:* Communication, Adaptability, Leadership, Collaboration

# SKILLS

* Programming Languages: Java, C/C++, C#, Python, Rust, Haskell
* Database Technologies: DynamoDB, SQL, mongoDB
* Docker and System Programming
* Classical Mechanics, Thermodynamics, Quantum Mechanics, Optics; Laboratory and Theory
* Mathematical and Scientific Computing Methods of Analysis