

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

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.
- Lead as a Team Captain my senior season in cross country

CHARACTERISTICS

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

SKILLS

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