

Davis Carmichael

6589 151st Place SE Bellevue, WA 98006
Phone: 206.427.6419 • E-mail: carmichael@chapman.edu

Profile

Physics and Computer Science major at Chapman University

Chapman University student studying physics and computer science. Have a foundational knowledge of several areas of physics, including thermodynamics and quantum mechanics. Took initiative to learn Java technologies for a web application. Seeking an internship to continue learning about the software development and research processes.

Studied:

Programming Languages (Java, C/C++, C#, python, Rust, shell scripts)
Visual Studio and Unity for game development
Database Technologies-DynamoDB
Docker Containers
Classical Mechanics, Thermodynamics, Quantum Mechanics
Mathematical and scientific computing methods of analysis (differential equations, Fourier transforms)

Work Experience

TheBuzz (Summer 2020-Present), Software Designer and Developer

- Writing UI and backend code for a web application project (TheBuzz) with students at the University of Washington
- Using Springboot, Amazon DynamoDB, thymeleaf, and other Java technologies
- Collaborating with the business team to create useful, intuitive features

<https://github.com/daus-s/TheBuzz/>

Features of the prototype include:

- Login and authentication
- Account verification using email confirmation
- Upload feature for posts that can include text and image
- Feed for following universities and nearby businesses

Evan's Creek Landscaping (Summer 2019)

High quality landscaping work ranging from detail-oriented work, wood finishing and installation to planting gardens, digging trenches and postholes, and removing and replacing lawns.

<https://evanscreek.net/>

Leadership

Chapman Track and Field and Cross Country Captain (2019-present)

- Captain and leadership committee member
- Responsible fostering a competitive and positive environment to ensure the success of the team
- Organize extra training sessions
- Nurture team camaraderie during training and through social activities

Saint Andrews Lutheran Church Congregation Council (2016)

Youth Representative elected in 2016 by congregation

Education

Chapman University, Orange, CA, 2018-2022

Will complete a Bachelor of Science double major in Physics and Computer Science