

Cole Ternes

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Education

Chapman University August 2018 - Current
Bachelor of Science in Computer Science 3.50 GPA
Bachelor of Arts in Economics

Relevant Coursework:

- Object Oriented Design [CPSC-231]
- Data Structures [CPSC-350]
- Computer Networks [CPSC-353]
- Operating Systems [CPSC-380]
- UNIX/Linux [CPSC-298]
- Computer Architecture [CPSC-351]
- Programming Language Theory [CPSC-354]
- Agile Software Development [SE-320]

Notable Class Projects

Title: Binary Search Tree Database 2019 Fall Semester
Course: Data Structures [CPSC-350] Language: C++

- This is a C++ program that implements 2 binary search trees to store Chapman Students and Faculty
- The features of the database include editing, adding, and deleting members, as well as undoing changes made to the database

Repository: <https://github.com/coleternes/CPSC350-Assignment5-Binary-Search-Tree-Database>

Title: Spin App 2020 Spring Semester
Course: Agile Software Development [SE-320] Language: C#

- This is an iOS application that spins a wheel to randomly select an element from a list, and was developed using the Unity engine over the course of a semester with a team of fellow engineers
- My work primarily focused on the backend where I enabled a singleton design pattern which would allow users to create, edit, and delete their own lists

Repository: <https://github.com/micamarietta/SpinGit>

Title: Simulated Disk Scheduler 2021 Fall Semester
Course: Operating Systems [CPSC-380] Language: C

- This is a program written in C that simulates servicing a disk with 1,000 cylinder requests
- It implements the disk-scheduling algorithms FCFS, SSTF, SCAN, and C-SCAN while also comparing the number of page faults that occur for each algorithm

Repository: <https://github.com/coleternes/cpsc-380-assign6>

Hard Skills

Computer Languages:

- Python
- Java
- C++
- R
- C#
- HTML
- C
- Haskell

Familiar with the Professional Tools:

- Docker
- Microsoft Office
- Visual Studio
- UNIX Environment
- GitHub
- Microsoft Teams
- Jenkins
- WireShark
- Slack
- VirtualBox

Team Leader: Volleyball Team Captain (Bronze Medal – Junior National Tournament, 2017)