**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] - UNIX/Linux [CPSC-298]
* Data Structures [CPSC-350] - Computer Architecture [CPSC-351]
* Computer Networks [CPSC-353] - Programming Language Theory [CPSC-354]
* Operating Systems [CPSC-380] - 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 - C++ - C# - C
* Java - R - HTML - Haskell

Familiar with the Professional Tools:

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

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