

Chris Carlton

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SKILLS

- **Languages:** Java, C++, Python, C#, Swift
- **Tools/Technologies:** Linux, Unity, Xcode, Atom

EDUCATION

Bachelor of Science, Computer Science Major, Mathematics Minor August 2019 - Present
Chapman University, School of Communication, Orange, CA

- Admission Supplement, Hesperian and Fowler Talent Scholarships

St. Ignatius College Preparatory, San Francisco, CA August 2015 – May 2019

- Magis Center for Equity and Inclusion
- Developed leadership skill through extensive work with teammates on the varsity football and lacrosse teams
- Created fitness training system to guide and mentor others in their own fitness journey

PROFESSIONAL EXPERIENCE

Handzin, San Francisco, CA July 2022 – Present

System Engineer Intern

- I conducted full reviews on the platform, data analytics, technology and development work of new features and framing out web components
- I took part in weekly design meetings and contributed ideas in how we can maximize user friendliness within the software
- I contributed to pitches and meetings with clients and investors

SGGP Sporting, Irvine, CA March 2022–Aug 2022

Software Engineer Intern

- I developed a health and fitness-based software that assists athletes with annual seasonal workouts and development
- I use a daily survey that asks users questions of factors that would affect performance such as food, sleep, and stress
- Using the survey results I use algorithms to adjust the intensity (weight, reps, and sets) when generating workouts

Safeway, San Francisco, CA

Cashier/ clerk May 2020-Aug 2021

PROJECTS

Building a Database with Binary Search Trees April 2021

- Implemented a database system of a school's registrar office comprised of student and faculty records
- Using binary search trees, allows the user to insert, delete, and query data
- Gained ability to keep data persistent (stored on a disk), so that you may process it over several sessions

J.H. Conway's Game of Life March 2021

- A simulation that models the life cycle of bacteria played on a two-dimensional grid
- Uses pointers to generate the grid and algorithms to model numerous generations of bacteria growth
- I gained how to condense and not reuse code using inheritance and polymorphism

ADDITIONAL RELEVANT EXPERIENCE

Boy Scouts of America, San Francisco, CA 2011 - 2019

Eagle Scout

- Attained the highest rank in Scouting after performing dozens of required tasks including multiple Troop leadership positions
- Organized and led an Eagle Project to construct a brand-new hiking trail in Golden Gate Park

Today's Youth Matter, Willits, CA July 2018

Camp Counselor

- Led discussions on subjects including anger management for many younger children who came from broken homes
- I gained empathy for those who are less fortunate than myself.
- Had a positive impact on these kids and became a role model for some.