ZACHARY INN

(310) 922-6456 | zacharyhinn@gmail.com
zacharyinn.github.io/zacharyinn
linkedin.com/in/zacharyinn
github.com/ZacharyInn

EDUCATION

CHAPMAN UNIVERSITY

B.S. in Computer Science, minor in Data Analytics, December 2023

- *Fowler Talent Scholarship, Dean's Scholarship, Vice President of Computer Science Club*

SKILLS

- Proficient in C++, Java, and Python
- Some experience with HTML/CSS, JavaScript, Excel, and R

EXPERIENCE

DATA ANALYTICS INTERN — **Torrance, CA**
Wrecking Yard Baseball — *May 2023 – Present*

- Developed a program to improve hitting lessons by creating reports of hitter tendencies
- Interpret data to gain insights and improve the performance of athletes
- Compile hitter data to create predictive models and algorithms for future development
- Explore using different technology (K-Vest, HitTrax, etc.) to gather information and continually learn about the latest developments in baseball analytics, technologies, and statistical modeling techniques

CODING INSTRUCTOR — **Irvine, CA**
Coding Minds Academy — *August 2022 – Present*

- Teach children K-12 various coding courses in languages such as Java and Python
- Lead weekly classes with students of varying knowledge levels and skillsets
- Construct lesson plans and evaluate student progress through coding projects

PROJECTS

STUDENT DATABASE

Data Structures and Algorithms

- Designed and developed a student database program using C++ with a partner
- Stores student and faculty information using linked lists and features infinite rollback using stacks
- Saves information to a text file which allows the program to be reopened in its previous state after quitting

EFFECTIVENESS OF WEIGHTED TRAINING BATS

Wrecking Yard Baseball

- Constructed graphs and visuals based on HitTrax data collected over a nine-month period using ggplot and Google Colaboratory
- Analyzed the collected data to draw meaningful conclusions based on hitter metrics (launch angle, exit velocity, batted ball outcome, etc.)
- Used regression models to predict future development of players' swings and exit velocities