

# Sam Aldeguer

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## Education

### UNIVERSITY OF KANSAS, LAWRENCE, KS

Bachelor of Science in Computer Science, Minor in Business, Expected May 2024

GPA: 3.89/4.0

## Work Experience

### WEB DEVELOPER | UNIVERSITY OF KANSAS | JANUARY 2022 – FEBRUARY 2023

- Build and edit websites owned by the University of Kansas
- Communicate with clients to resolve web development problems and requests

### HEAD DIVE COACH | COUNTRY CLUB OF LEAWOOD | JUNE 2021 – JULY 2022

- Collaborated with other coaches to lead daily practices and weekly competitions throughout the summer
- Instructed over 90 children on diving; provided advice to children from ages 5 to 18
- Interacted with parents to discuss their athlete's progress in the sport

### POOL MANAGER | BROOKRIDGE GOLF & FITNESS | MAY 2019 – AUGUST 2020

- Supervised 3-5 lifeguards per shift and created work schedules for managers and lifeguards
- Opened and closed pool at the beginning and end of workdays

## Skills

- Proficient in C++, C, Python, JavaScript, HTML, and CSS. Familiar with Python, Java, PHP, SQL, and Haskell.

## Leadership & Involvement

### BROTHERHOOD CHAIR | THETA TAU PROFESSIONAL ENGINEERING FRATERNITY | AUG. 22 – PRESENT

- Teamed with other members on the board to plan organization events within the fraternity
- Calculated and managed a budget of around \$2,000 dollars for brotherhood events

### DIVE DIRECTOR | UNIVERSITY OF KANSAS SWIM & DIVE CLUB | AUGUST 2022 – PRESENT

- Coordinated and led semiweekly practices consisting of 6-8 collegiate divers

### WEB CHAIR | THETA TAU PROFESSIONAL ENGINEERING FRATERNITY | JANUARY 2022 – MAY 2022

- Developed a new website for the fraternity, which is located at [kuthetatau.org](http://kuthetatau.org)

## Awards & Accomplishments

- Upsilon Pi Epsilon Underclassman Achievement Award
  - Awarded for receiving a top 3 grade in Programming II, a class on C++ programming
- Florence Montgomery Memorial Scholarship
- University of Kansas Chancellor and School of Engineering Scholarships

## Programming Projects (more information on [samaldeguer.com](http://samaldeguer.com))

- CCSAKC Dive Meet Simulator (C++, HTML, CSS, and JavaScript)
- Cipher Center (C++)
- University of Kansas Quarantine Calculator (HTML, CSS, JavaScript)
- Black & White to Colored Image Converter (Python)