

# Ayden Case

Student at Duke University

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## SUMMARY

Pre-Medical student with a proven track record of interdisciplinary problem solving. Experienced with a range of research techniques and methodologies, ranging from specimen procurement to imaging and analysis. Working proficiency with several computer programming languages and development paradigms, with past projects involving application design, database administration, and data analytics. Adept at both team leadership and project management, owing to strong communication skills and attention to detail. Currently pursuing opportunities encompassing both research and clinical experience.

## SKILLS

Python

HTML, CSS & JavaScript

PHP & SQL

Java

C

WordPress

Application Development

Data Processing

Immunohistochemistry

Microscopy

Image Analysis (ImageJ)

## LINKS

aydencase.com

linkedin.com/in/aydencase

## EDUCATION

### Duke University, Class of 2022

Bachelor of Science, Chemistry

GPA: 3.8/4.0

## WORK EXPERIENCE

### Bellamkonda Lab, 2020 - Undergraduate Researcher

- Assisted in the development of therapeutic CAR T-cells
- Processed rodent brain tissue beginning with the flash freezing process, followed by subsequent sectioning, fixing, and staining
- Utilized microscopy techniques to acquire images and analyze tissue specimens

### Campus Enterprises, 2019 - Director of Next Ventures

- Selected after a competitive (19% acceptance), multiple-round interview process to join as one of the company's 42 shareholders
- Projects included a digital real estate platform, founding of a brand consulting division, and development of several websites

### Duke Crux, 2019 - Blog Managing Editor

- Designed a writer's workshop focused on academic writing and the mechanics of article composition
- Content and layout manager of the dukecrux.org website
- Promoted from Magazine Content Editor in spring of 2019

### Moon Capital Management, LLC, 2018 - Intern

- Led efforts to improve multiple aspects of the company's website (mooncap.com), including both security and template design
- Conducted research on multiple different companies, preparing discounted cash flow analyses and historical data reports

### Freelance Web Developer, 2016 - Graphic & Web Design

- Several web-applications completed on behalf of a diverse client base
- Utilized HTML/CSS, JavaScript, PHP, SQL, as well as libraries like jQuery and Slim to build applications

### Case Antiques, Inc., 2014 - IT Assistant

- Streamlined the buyer approval process by developing and automating a new bidder screening algorithm
- Led multiple technical projects, including the installation of a company-wide security system, setup of a new network room and redesign of the company website

## ADDITIONAL ACTIVITIES AT DUKE UNIVERSITY

### DukeEngage in Vietnam, 2019

- Collaborated with a cohort of 15 Duke students to improve infrastructure and teach English courses in both southern and central Vietnam

### Native American Student Alliance, 2020

- Communications Chair

## AWARDS

Dean's List, Fall 2018

International Baccalaureate Diploma, Spring 2018