

# Garrett Collier

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## Education

**Hendrix College**, Conway, AR

**Expected graduation: December 2022**

Bachelor of Arts in Computer Science, Minor in Mathematics

**Cumulative GPA: 3.74 / Major: 4.00**

Dean's List (4.0 for semester)

**Spring 2020, Fall 2021**

## Skills

**Computer Languages:** Python, Java, SQL, R, MATLAB, JavaScript, jQuery, CSS, HTML, Perl, C, Haskell, LaTeX, JACK

**Computer Working Skills:** Toad, PuTTY, FUSE, PyCharm, IntelliJ, Access, Excel, Accrual Based Accounting

## Professional Experience

**Michigan State University - Advanced Computational Research Experience**, East Lansing, Michigan

**Summer 2022**

One of ten students selected to work on site alongside faculty and staff focused on researching computational and statistical modeling of structural brain connectivity in Alzheimer's disease using computational algorithms in Python, R, and MATLAB

**Axiom - Solution Developer Intern**, Conway, AR

**May 2021 - Present**

Read and interpret application design and functional specifications to write code for the use of Axiom client solutions and applications, commonly using pertinent software and programming languages including SQL, Perl, and C

**Teaching Assistant, Hendrix College**, Conway, AR

**August 2021 - May 2022**

Worked alongside a Computer Science professor helping student's complete lab projects, explain abstract algorithms to solve various project steps, and guide students to fix bugs that arise as they write code, as well as help grade assignments

**Chi Alpha - Tech Intern**, Conway, AR

**Spring 2020 - Spring 2022**

Website design, CA Connect App design, and running slides/audio software for worship services and gatherings

**Dicks Sporting Goods - Retail Sales Associate**, Hot Springs, AR

**October 2019 - May 2021**

Cashier and Apparel Lead, working to provide customers with a fast and effective buying experience

## **Coursework**

*Foundations of Computer Science, Data Structures and Object-oriented Programming, Database and Web Systems, Programming Languages, Computing Systems Organization, Functional Programming, Algorithms, Calculus I-II, Linear Algebra, Discrete Mathematics, Intro to Advanced Mathematics, Mathematical Models, Principles of Accounting I-II, Accounting Information Systems*

## **Leadership Experience and Campus Involvement**

**President - Young Democrats, Hendrix College, Conway, AR**

**April 2021 – May 2022**

Planning meetings and events, forming agendas, and gathering students to help create future leaders for the community

**President/Student Leader - Chi Alpha Fellowship, Hendrix College, Conway, AR**

**August 2020 – Present**

Organize meetings, Bible Studies, and Retreats with other college students with focus in growing faith through Discipleship

**Volunteer Action Committee, Hendrix College, Conway, AR**

**December 2021 – May 2022**

Planning volunteer opportunities to give students a chance to be involved with an array of local community organizations