

Phillip Drake

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SKILLS SUMMARY

- Programming languages: C++, Java, JavaScript, Python, Kotlin, SQL, HTML/CSS
- Experienced in Visual Studio, JetBrains, and Microsoft Office Suite
- Accountable, Adaptable, Communicative, Driven, Resourceful, Studious

EDUCATION

Bachelor of Science in Computer Science,
University of Arkansas, Fayetteville, AR | GPA 4.0

Expected: May 2025

Bachelor of Arts in Political Science,
University of Arkansas, Fayetteville, AR | GPA 4.0

Expected: May 2025

Project Experience

eShop - 24 hour Hackathon Project Sponsored by JBHunt,

Spring 2023

- Member of a 6-person team that developed an Android app which allowed the user to scan the barcodes of items which are for sale, and returns a sustainability score sourced from a consumer ratings database, and the ChatGPT API.
- Utilized RestAPI to access scanned items, and consumer ratings database hosted through Oracle Cloud
- Developed a website which allows the user to view all of the items which they have already scanned, and the scores which were given
- Presented project to faculty and industry professionals from SupplyPike, JBHunt, and CapSpire
- Won 3rd place out of 30 teams who participated

MinesWiiper - Personal Project

Spring 2023

- Co-designed an open-sourced minesweeper port for the Nintendo Wii which utilized features not present in previously developed ports to the system, such as first-click protections, zooming / panning capabilities, and arbitrarily sized boards
- Made use of the devkitPro homebrew toolchain, and the libWiiSprite sprite library
- Uploaded the project for public use and development on wiibrew.org, the most widely used site for Wii Homebrew

Work Experience

Tutor, University of Arkansas Student Success Center, Fayetteville, AR

Jan 2023 - Present

- Work 10hr/week while completing 15-17 college credits per semester as a full-time student
- Assist students in their understanding of entry level courses in Computer Science, and Political Science
- Host weekly study halls to assist 5-20 students at a time in Calculus 1
- Act as a mentor for new tutors

Engineering Intern, US House of Representatives, Washington, DC

May 2023 - Aug 2023

- Direct communication with constituents, industries, and other congressional offices
- Attend meetings detailing technical and scientific innovations in the US
- Conduct legislative policy analysis for Congressman Westerman regarding space, science, and technology

Assistant to the IT Professional, Central High School, Little Rock, AR

Sept 2019 - May 2020

- Individually nominated for a youth work program with my LRCH's IT Department
- Manage group policy for the Central High School Network
- Perform in-classroom technical support to maintain the operation of projectors, and classroom personal computers

HONORS

Eagle Scout

2020

- Attained the highest rank attainable through the Boy Scouts of America
- Formed lifelong bonds to my fellow scouts through frequent camping trips, volunteering, and yearly attendance to Camp Rockefeller in Damascus Arkansas
- Individually built a "Little Food Pantry" for Ridge Road Elementary, coordinated with local officials to guaranteed it's installation, and regular restocking with non-perishable goods

Chancellors List

Fall 2021, Spring 2021, Fall 2022, Spring 2022

- Achieved the highest possible grade-based recognition at the University of Arkansas while maintaining the varied course load provided by dual majors