[**Anusha Bhattacharyya**](https://app.stempremier.com/profile/346828?accessCode=3nBp%2BPvq8cqzKH9zsWvx0znIAVjS7Dh562FuGNbNiQUi5cB7TZ1%2B4sG9tCLDKPZT)

**University of Arkansas 1-(501)-940-8330**

**Fayetteville, AR Email:** [ab107@uark.edu](mailto:ab107@uark.edu)

**LinkedIn:** <https://www.linkedin.com/in/anushabhattacharyya> **Website:** [AnushaBhattacharyya.com](https://bhattapower.wixsite.com/mysite)

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|  | SKILL SUMMARY |

**College senior with 5+ years’ experience in 8+ software and hardware programming languages, 7+ years of presentation and public speaking experience, 6+ years of research experience, and other skills such as software development, running computer simulations, mobile programming, data analytics, writing and trouble-shooting software/hardware code.**

**Looking to explore internships, part-time, and full-time work to further expand my software/hardware skill set and deepen my understanding for my already existing skill set.**

* Programming Languages: C++, Java, JavaScript, Python, SQL, R, VHL, Verilog, Assembly Language, Visual Basic
* **Other:** Microsoft Office, Public Speaking, and Solid Leadership experience.

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|  | **Education** |

## University of Arkansas, Fayetteville, AR | GPA: 3.55

BS in Computer Science Expected 2023

Minors: Sustainability, Data Analytics, Math

## **Central High School, Little Rock, Arkansas |** GPA: 4.1 Graduation Date: May 2019

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|  | Work Experience |

* **J.B. Hunt Software Developer/Engineering Intern** (June 2022 – August 2022)

Conducted framework upgrades for J.B. Hunt’s 360 Platform and managed application dependencies to improve performance and security | Operated software’s SQL Server and J.B. Hunt’s 360 Platform | Worked with Spring Boot 2.5.6 and their dependencies| Used SQL, Java, and Python

* **Data Science/Information Technology Intern** (Sep 2020 – Dec 2020)

Developed program to collect unorganized data from Twitter | Applied data analytics | Used SQL and R

* **NSF REU: Undergraduate Researcher** (Jun 2021 – Aug 2021)

Research on finding the physical properties of fluorinated alcohols using AI | Ran atom-based computer stimulations | Built molecules using Python with package Mbuild

* **Computer Lab Technician** (Oct 2021 – Present)

Running and maintaining computer labs and offices | Assist with trouble-shooting equipment | Debug software issues

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|  | Engineering and Research Projects |

* **Building Super Mario 3 using Java, JavaScript, and Python for Windows and Android Devices** | Fall 2021 |
* **Prediction of environmental fate using Atom-based Computer Simulation in an Automated Manner via Python** | NSF REU '21 |
* [**Novel Nanostructured Metal Powder by Simple Hot Water Treatment: An Economic and Sustainable Oil-Water Separation**](https://abstracts.societyforscience.org/Home/FullAbstract?ProjectId=17416)| ISEF 2nd place '19 | JSHS 1st place winner '19|
* **Adsorption of Nitrophenols (NPhs) Using N-Doped Carbonaceous Material** | Google Science Fair Top 100 Global winner '16 | ISEF 3rd place '18 | JSHS '18 |
* [**Economical Oxygen Reduction Electrocatalysts: Alternatives to Platinum for PEM Fuel Cells**](https://abstracts.societyforscience.org/Home/FullAbstract?Category=Any%20Category&AllAbstracts=True&FairCountry=Any%20Country&FairState=Any%20State&ProjectId=5239%20) | Google Science Fair Top 100 Global winner '16 | ISEF '17 | JSHS '17 |