EDUCATION

**Mississippi State University**, Mississippi State, MS  **May 2024**

*Bachelor of Science in Software Engineering**GPA: 3.83/4.00*

* **Other Jobs:** The Reflector’sOnline Editor**,** Chevron Engineering Transfer Program Ambassador, Bagley College of Engineering Diversity Delegate, MSU Housing & Residential Life Information Assistant, Web Dev Freelancer

**Holmes Community College**, Ridgeland, MS  **May 2022**

*Associate of Arts in Electrical/Computer/Software Engineering GPA: 3.81/4.00*

* **Other Jobs:** Newk's Eatery Front of House Worker, Tuesday Morning Store Associate
* **Honors:** Phi Theta Kappa Honor Society Member

WORK EXPERIENCE

**Software Engineer Intern Aug 2023 - Present**

*Captured Sun Austin, TX - Remote*

* Collectively developing Parchment, a startup concept that merges filesystem, browser, & interactive HTML pages
* Integrating a diverse skill set including C/C++, Swift/MacOS, C#/Windows, and Web/JavaScript/Browser expertise, catalyzing Parchment's widespread adoption across MacOS, Windows, and future mobile platforms
* Enhancing its user experience by blending creativity and aesthetic into the application's design and functionality

**Online Editor** **Mar 2023 – Present**

*The Reflector* *Mississippi State, MS*

* Maintains website’s content & image editing with BLOX CMS, and develops PDFs with Adobe InDesign
* Manages & creates Twitter and Facebook content; advertises sponsorships and is on-call for additional posts
* Stimulated growth by designing & developing the latest website launch with WordPress & SNO Hosting

**Information Assistant**  **Jan 2023 – Present**

*Mississippi State University Housing & Residence Life*  *Mississippi State, MS*

* Customer service (data entry) front desk position including the responsibilities of checking-in guests, signing-in packages, greeting visitors and any additional administrative tasks assigned

**Software Engineering Undergraduate Researcher Jan 2023 - Present**

*Center for Advanced Vehicular Systems Starkville, MS*

* Currently improving models & simulations of cold environments with MAVS (Mississippi State University Autonomous Vehicle Simulator) and using it to train and evaluate AI & Machine Learning algorithms for ERDC
* Tested and developed a written analysis report on WorkLink's AR accessibility for U.S. ERDC & Scope AR
* Built control system modifications in Unreal Engine 5 to address one-handed limitations in Virtual Reality
* Demonstrated research to U.S. ERDC, TK Martin Ctr., & ORED, and designed posters for the MSU Symposiums

**Big Data, Artificial Intelligence, & Machine Learning Researcher Jun 2023 – Aug 2023**

*Amazon & University of California, Los Angeles – Interconnected & Integrated Bioelectronics Lab Los Angeles, CA*

* Created ML object detection programs and predictive algorithms using data for drug effectiveness and biosensors
* Presented sprints as GitHub Admin, partook group Scrum meetings, and wrote a 23-page technical research paper
* Attended Amazon Day, received an ML & UCLA certificate, and exhibited at the UCLA Research Symposium

**Front of House Worker** **Feb 2022 – Jul 2022**

*Newk’s Eatery* *Ridgeland, MS*

* Accommodated the needs of 600+ customers, managers, and teammates per day, evening, and night shift
* Reserved a clean environment while maintaining teamwork operations and communications for merchandising

**Store Associate** **Aug 2020 – Jul 2021**

*Tuesday Morning* *Flowood, MS*

* Processed sales, assisted original and sister locations, and managed freight to the sales floor
* Worked independently with minimum to no supervision (“1 man shift”) and promoted merchandise for sales

RECOGNITIONS & ACTIVITIES

**Recognitions:**

* 2020-21 Holmes CC President’s List (Fall & Spring)
* 2021 Coca-Cola Leaders of Promise Award
* 2021-22 Holmes CC Dean’s List (Fall) & President’s List (Spring)
* 2021-22 Holmes CC Sophomore Favorite
* 2021-22 Renasant Bank Foundation Award
* 2022 BCoE Diversity Office Book Stipend
* 2022 Holmes CC High Honors
* 2022 Phi Theta Kappa All MS Academic Team (Second)
* 2022-23 MSU President’s List (Fall & Spring)
* 2023 Amazon SURE@UCLA Certificate of Achievement
* 2023 MSU President’s List (Fall)
* 2023-24 Andy and Laura Linderman Endowed Computer Science Scholarship
* 2023-24 ENCORE Annual Computer Science Scholarship
* 2023-24 Jessie & Sarah L. Johnson Endowed Engineering Scholarship
* 2023-24 Mississippi Automotive Manufacturers Association Scholarship (plus being in newspapers, conference presentations, and social media posts)
* \*Additional scholarships based on leadership, test scores, and GPA, and a couple of upcoming journal papers, merit pages, newsletters, and feature articles from MSU and UCLA focusing on my achievements

**Certifications:**

* CITI Export Controls Course via CITI Program
* Human Subjects Researchers via CITI Program
* Machine Learning Specialization (3-in-1) via DeepLearning.AI and Stanford University

**Leadership:**

* Spring 2023 Society of Women Engineers CSE Departmental Officer
* Team Leader & App Creative Director in HackMIT 2023
* 2022-24 CSE Team Leader & Project Manager (for group projects in multiple courses)

**Activities:**

* Arts
* Biking
* Ceramics
* Collectibles
* Drawing
* Film Watching & Critiquing
* Gaming
* Gardening
* Hackathons (MIT, MLH, MSU, UMD)
* Learning New Trends
* Marathons
* Reading
* Robotics
* Tinkering & Repair
* Volunteering