MATTHEW ERWIN

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EDUCATION

LOUISIANA STATE UNIVERSITY Baton Rouge, LA
Bachelor of Science in Computer Science (Software Engineering)   MAY 2024
Minor: Mathematics
Overall GPA: 3.96

COMPUTER SKILLS

Programming Languages: C++, Java, HTML, CSS, JavaScript, jQuery, Verilog, C#, React
Software: Git, Gitlab, AWS (CI/CD), Adobe, Unity, Docker, Apache, MySQL, Java Servlets
Learning: NodeJS, ASP.NET Core

WORK EXPERIENCE

GENERAL DYNAMICS INFORMATION TECHNOLOGY (Remote)
Back-end Developer I (Part-Time)   November 2022 – Present
- Gained practical experience in backend development using SAFe agile methodologies
- Coded and work with other developers and testers to write out user stories/features of a very well-known and used federal application
- Utilized programming skills in Java, JUnit testing and familiarized myself with new communication platforms like Confluence and Jira

GENERAL DYNAMICS INFORMATION TECHNOLOGY (Remote)
Software Developer Intern   June 2022 – August 2022
- Developed a full end-to-end automated pipeline using AWS Blue/Green deployment
- Accomplished small projects using AWS frontend and backend services, in addition to passing AWS certifications
- Learned new concepts in DevSecOps, focusing on the engineering process of CI/CD

LSU UREC Baton Rouge, LA
Student IT Assistant   August 2020 – January 2023
- Utilized electrical/computer knowledge to maintain over 100+ computers in the UREC facility and across campus
- Assisted in reconfiguring the Ethernet management system (over 500+ ports), saving the facility over $10,000+ per year

PROJECTS

Fit Happens, Full Stack Workout Website – Group   Fall 2022
- Designed and implemented the frontend/middle part of this website using React, CSS
- Learned how the ASP.NET Core backend works with the frontend of our React application

WordJustWord, Full Stack Forum-Based Website – Solo   Fall 2022
- Utilized programming skills in Java, MySQL, & Java Servlets/JSP to create the backend portion of this site
- Designed the frontend portion using the three classic frontend tools: HTML, CSS, JavaScript

LEADERSHIP

SPM – Society of Peer Mentors, Member: Jan. 2022 – present
College of Engineering
- Logistics, Louisiana Collegiate Design Competition (LCDC 2022):   Feb. 18th – Feb. 19th
- Volunteer, Girls Design for Good (2022):   April 23rd
- Volunteer, Geaux Engineering (GE 2022):   Aug. 17th – Aug. 20th

CLA – Chevron Leadership Academy, Participant: August. 2022 – present
College of Engineering

HONORS & CERTS

Geaux Engineering 1st Place, 2022
Chevron Energy Leaders Scholarship 2022   LinkedIn
Great American Rivalry Scholarship, 2020
AWS Cloud Practitioner 2021