Leeon Israel

(843) 995-8888 | leeoniisrael@gmail.com | linkedin.com/in/leeoniisrael | github.com/leeoniisrael

Education

University of South Carolina College of Engineering and Computing   Columbia, SC
Bachelor of Science: Computer Informations Systems | Minor: Business Information Management   Expected May 2026
GPA: 3.6/4.0 | Major GPA: 4.0/4.0, Dean's List 2x, College of Engineering and Computing First-Generation Scholar
Relevant Coursework: Algorithmic Design I, II, Computing in the Modern World, Explore Engineering Computing, Linux/Unix
Fundamentals, Software Engineering, Web Applications, Computer Hardware Foundations, Advanced Programming Techniques (C++)

Technical Skills

Languages/Frameworks: Java, JavaScript, C++, Python, HTML, CSS, React.js, React Native, Bash, Node.js, Express.js
Others: MongoDB, Git, Nginx, Firebase, Postman, Bootstrap, RESTful API, ASP.NET Web API, Selenium, JSON, Unix, Figma

Professional Experience

Artificial Intelligence Institute at University of South Carolina   Columbia, SC
Artificial Intelligence Research Intern   September 2023 - Present
- Crafting a React.js front-end application for a mental healthcare artificial intelligence chatbot by scraping assessment data and programming an intuitive interface application for improved symptom identification and user interaction
- Integrating JavaScript and Python for patient assessment by manipulating JSON files and leveraging them to the artificial intelligence model, reducing evaluation time by 70% and achieving an 95% accuracy rate in identifying critical issues
- Observing 450+ hours of graduate and PhD students conducting research on the integration of machine learning technology and knowledge graphs through the development and execution of functional research projects

Website Developer Intern   January 2023 - Present
- Designing and creating 2+ new weekly webpages for the institute's website while spending 20+ hours a week using HTML, CSS, JavaScript, and Bootstrap, to promote projects and showcase the institute's achievements
- Supervising the maintenance and revision of the institute's website by addressing requests in a 90% success rate, increasing its functionality and aesthetic appeal by implementing new code in more than 50% of the website

Empowered Buildings   New York City, NY
Full Stack Software Engineering Intern   June 2023 - September 2023
- Implemented MongoDB to expertly manage and seamlessly connect 300,000+ data documents to front-end applications, resulted in a substantial reduction of 40% in data retrieval time
- Utilized Node.js to conduct data scraping techniques within Selenium and JavaScript to extract and update financial information from third party applications, reducing manual data entry time from users by 95%
- Developed custom RESTful API to fetch data from two MongoDB collections, using React.js to create the UI displaying 7,000+ nested API parameters in an organized table with 10,000+ data documents, and efficiently routing between 12+ files

Early Career Exploration Programs

DE Shaw & Co.   Remote
Connect Fellow   September 2023 - September 2023
- Selected for exclusive two-day program to acquire knowledge for Quantitative Analyst and Software Developer Internship Programs
- Engaging with 25+ DE Shaw employees and participating in 10+ conferences and meetings to gain exposure

HeadStart Fellowship   Remote
Technology Fellow   January 2023 - April 2023
- Participated in a selective program of 78 students from 600+ applicants to enhance problem-solving abilities and technical understanding through participation in student-led programming, workshops, and specialized events
- Acquired knowledge of potential career opportunities within the technology field through in-depth industry exploration and case study analysis with 5 weekly meetings and learning sessions with 1 on 1 mentors
- Expanded professional development with insight from 350+ cohort members by gaining exposure to various technical backgrounds, including software engineering, full stack software engineering, artificial intelligence, and data science

Projects

Instagram Clone Application – *React.js, Firebase, CSS, Chakra UI*   December 2023 - Present
- Assembling a scalable post creation mechanism utilizing React.js and Firebase to support interactive functionalities such as comments, likes, and unlikes
- Optimizing feed performance through Firebase integration and data fetching strategies, resulting in a 30% reduction in load times

Weather Application - *React.js, CSS*   April 2023 - May 2023
- Integrated a public API to fetching real-time weather data for 4,000,000+ locations, updating hourly to provide accuracy
- Utilized React.js to create a responsive and performant interface, resulting in average page load time of less than 1.5 seconds