Liyema Swartbooi

SA, Citizen • mrbroker077@gmail.com • +27 694654988 • https://github.com/Mrbroker425

www.linkedin.com/in/mr-ls

Education

Sol Plaatjie UNIVERSITY SA, DA
Diploma App(Dev), Distinction: May 2025
Relevant Coursework: Systems Programming, Data Structures and Algorithms, Artificial Intelligence, Introduction to Probability, Information Systems, Web Development
Commit 20 hours per week to the Sol Plaatjie UNIVERSITY Course Program.

Allanridge Secondary School Midrand, SA
High School Diploma, SAT I: M:780 V:760 Nov 2022

Activities and societies: Allanridge Student Rep: Liaised with Old Mutual, managed funds, and promoted the sponsor's role.
Anglo-American Innovation Club: Led innovation projects to better schools and communities.
RCL Representative: Voiced student concerns, influenced decisions, and enhanced student welfare.

EXTRACURRICULAR & Certifications:

Forage
Mastercard Cybersecurity Job Simulation on Forage - January 2024 Participated in a realistic job simulation, assuming the role of an analyst within Mastercard's Security Awareness Team.
Skills Developed:
  • Communication, Cybersecurity, Data Analysis, Data Presentation, Design Thinking, Problem Solving, Security Awareness Training, Strategy, Technical Security Awareness
Microsoft:
  • Microsoft Learn AI Skills Challenge - Certificate (Aug 2023)
FreeCodeCamp:
  • Data Visualization Certification from freeCodeCamp (Jul 2023)
  • Front End Development Libraries Certification from freeCodeCamp (Jul 2023)
  • JavaScript Algorithms and Data Structures Certification +**Beta** from freeCodeCamp
  • (Jul 2023)
  • Responsive Web Design Certification from freeCodeCamp (Jun 2023)
Endorsements:
  • Received endorsements on LinkedIn for HTML, JavaScript, Search Engine Optimization (SEO), Web Development, and Algorithms. (projects on GitHub(Mrbroker425)

Experience

Freelance Web Developer
Remote| [2023] – Present

• Collaborate with clients to define project requirements and deliver tailored solutions.
• Design and develop responsive, user-friendly websites using various programming languages and frameworks.
• Optimize website performance, implement security measures, and ensure cross-browser compatibility.
• Integrate third-party APIs, troubleshoot issues, and enhance overall functionality.
• Provide ongoing maintenance, updates, and client support.
• Effective communication with clients to ensure satisfaction and address feedback promptly.

Projects and Skills

Projects: Electric Bicycle: designed electrical and mechanical systems for a custom 1kW bike
Smart Appliance: IoT toaster based on Raspberry Pi, Python code, & and 3D-printed body
Laboratory: Cleanroom fabrication experience, including photolithography, e-beam lithography, metallization, thin film deposition, etching, metrology, and SEM imaging.
Technology: Knowledge of HTML, CSS, and programming in C, PHP, JavaScript, and Python.
Experience with MATLAB, SolidWorks, Microsoft Office Suite, Adobe Creative Suite, and Google SketchUp.
Languages: Spanish (intermediate), German (beginner).