DANIEL ARLEGUI

arleguidaniel@gmail.com | Lathrop, CA 95330 | Links: GitHub, LinkedIn, MyWebsite, Certificates

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Skills

Project Experience: C++, MySQL, Next.js, React, TypeScript, Node.js, Express.js, HTML&CSS, Git
Developer Tools: Visual Studio, Eclipse, VMware, MySQL Workbench, DataGrip, Postman

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Projects

Links for Repository

Issue Tracker: (Next.js, TypeScript, Tailwind, MySQL, Prisma)
- A full-stack production grade issue tracking application with a modern looking design.
- Features includes dashboard with charts, client-side validation forms, user authentication and more.
- Structured project with clean professional quality code that align with industrial standards.

Game Discovery App: (React, TypeScript, Chakra)
- Built with React, TypeScript, Chakra UI and other use of relevant modern dependencies.
- Allows users to explore and search for games based on different platforms, genres, & sorting criteria.
- Modern layout design and use of RAWG API to fetch data.

Weather Application: (React, Vanilla JavaScript)
- Developed using React and Vanilla JavaScript (each separately).
- Users are able to check the weather information for a specific location.
- Provides real-time weather data, including temperature, humidity, and wind speed from API.

CS20 Program 17: Graphs (C++, Eclipse)
- Uses Graph ADT header files to closely examine their classes and methods to manipulate graphs.
- The program covers and demonstrates graph traversals, shortest path algorithm, minimum tree algorithm, operations on graph and their notations.

CS21 Program 7: Standard Deviance and Variance (Assembly, VMware Linux)
- Low-level language statistic program. Uses 64-bit purpose registers.
- IMUL (signed integer multiply), IDIV (signed integer division), and arithmetic expressions to calculate the standard deviation and variance. Library functions prints out the results.

Professional Experience

Software Developer Intern | Bay Valley Tech | Modesto, CA 95353   04/2024 - Ongoing
- Proficient in modern web development technologies including Next.js, TypeScript, Tailwind, and Figma, as well as backend technologies such as Prisma, Node.js, and MySQL.
- Actively collaborating with team members on challenging projects and contributing significantly for fixing bugs and making websites responsive.
- Applied comprehensive training to secure a successful career in software development.

Cleanroom Technician | Formfactor | Livermore, CA 94551   08/2021 - 02/2023
- Conduct routine cleaning and maintenance of the cleanroom environment, including wiping down surfaces, sanitizing equipment, and regularly changing filters to maintain optimal air quality.
- Exercised knowledge of business information systems such as MS Word, MS Excel, and company analysis software to log and analyze products in database.
- Communicated with team on how to properly analyze, evaluate, and report if products pass or fail during any stage of inspection.

Education

Bay Valley Tech: Code Academy | Modesto, CA 95354 | Completed Certifications
- Acquired a solid foundation in front-end development technologies for structuring and styling dynamic and responsive user interfaces.
- Developed expertise in back-end technologies, including Node.js, Express.js and MySQL, enabling the creation of server-side applications and efficient database management.

Las Positas College: Associates in Computer Science | Livermore, CA 94551 | Graduated
- Attained proficiency in programming languages, including C++, and applied advanced programming concepts to design and implement data structures.
- Explored diverse areas of computer science, from elementary linear algebra to calculus and general physics, providing a well-rounded education in both theoretical and practical aspects.