KELLY ESQUEJO

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EDUCATION

University of Nevada - Las Vegas   *January 2020 – May 2024*
BS, Computer Science
  • Relevant Coursework: Software Product Design, Compiler Construction, Data Structures,
  Analysis of Algorithms

EXPERIENCE

UNLV Information Technology
Computer Lifecycle Technician   *July 2023 – Present*
  • Efficiently diagnosed and resolved hardware and software issues, providing quality solutions with
  timely ticket resolution.
  • Installed and updated Windows and Macintosh operating systems on new endpoint systems for
  staff and faculty ensuring compliance with university standards.
  • Delivered and set up of new computer workstations, including monitors, printers, and
  scanners, tailored to users' work environments, achieving high user satisfaction.

UNLV Digital Collections
Student Assistant   *April 2022 – July 2023*
  • Increased workflow of the Bookeye equipment by 25% by implementing optimized settings.
  • Provided technical support and assistance to coworkers, ensuring their efficient workflow and
  resolving their questions.
  • Scanned fragile materials using digitization equipment and software.

PROJECTS

Cypher Vault | Password Manager   *March 2024 – Present*
  • A terminal-based, multi-factor authentication password manager using **C++** and **SQLite** and
  implementing AES encryption to ensure data security.

Right Way | Personalized Trip Planning App   *January 2024 – May 2024*
  • A web application written in **ReactJS** and **CSS** aimed at simplifying the planning process for trip
  recommendations. Project was showcased at the Fred and Harriet Cox Senior Design Competition.
  • Designed the front-end landing page and integrated the database for the 'My Trips' page to improve
  user experience.
  • Executed thorough code reviews and contributed to the development of software applications.

Compiler for Espresso Language   *January 2024 – April 2024*
  • Using **Java**, developed and integrated the scanner and parser, and semantic checker, including
  name resolution, type checking, and modifier checking of a compiler for the Espresso Language.

SKILLS

Languages: C++, C, Java, JavaScript, HTML/CSS, SQL
Tools/Frameworks: React.js, Node.js, GitHub, Visual Studio, VirtualBox, Ubuntu
Other: CI/CD, Unit Testing, TeamDynamix, Slack

References available upon request