andrew Munoz Arvizu

|  |  |  |
| --- | --- | --- |
| 669.251.4652 | San Jose, CA | amunozar@calpoly.edu | MunozAndrew.github.iogithub.com/munozAndrew |linkedin.com/in/amunozar/ | | |
|  |  |  |
| Skills & abilities |  | **BACK-END DEVELOPMENT** **|** Java, Python  **FRONT-END DEVELOPMENT** **|** HTML, CSS, JS  **Database Management** |SQL, SQLite  **MISCELLANEOUS |** JSON, Beautiful Soup |
| Experience |  | Personal Website | HTML, css, js  * Ensured optimal viewing experience across a variety of devices by implementing responsive web design techniques. * Added an easily accessible contact form to encourage direct communication from visitors. * Showcased a broad range of skills by curating a diverse portfolio featuring front-end, back-end, and full-stack projects.  Coordinate API Scraper | Python, JSON, sql, sqlite  * Elevated my proficiency in interacting with APIs and handling JSON data. * The successful extraction of accurate place IDs from Google’s geocoding API, showcased in my GitHub repository. * Utilized Python’s urllib and JSON libraries to make secure and accurate API requests.  Sudoku Solver | python  * Achieved a significant reduction in time complexity for Sudoku puzzle solving. * Zero false positives in over 100 test runs, affirming the robustness of the validation process. * Deployed a recursive backtracking algorithm to iteratively fill and correct the sudoku grid. |
| Education |  | California Polytechnic State University, San luis ObispoSan Luis Obispo, | BS in Computer Science | 2022-2026 |
| Coursework |  | Data Structures and Algorithms  AP Computer Science Principles |
| Leadership |  | Cal Poly Investing | member  * Researched and compared Acorn and Fidelity Roth IRAs for beginners, taking notes on their features and benefits. |