Zac Siegel

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• Portfolio: https://www.zacsiegel.com/ • GitHub: https://github.com/ZacSiegel

SUMMARY

Information Technology Senior with strong fundamental knowledge of frontend software development. Adept in numerous fields. A quick learner with exceptional attention to detail. Strong troubleshooting and problem-solving skills with an analytical mindset. Enjoy working in a team environment but have also excelled working autonomously. Seeking internship/entry-level opportunities in software development.

TECHNICAL SKILLS

Programming Languages: JavaScript, HTML, CSS , Python, SQL, Bash
Libraries/Frameworks: Bootstrap, React.JS, socket.io, PyODBC, Pandas, Matplotlib, NumPy
Tools, Databases, and OS: Node.js, Express.js, Microsoft SQL Server, Git, Windows, Linux/Unix, Relational database schema, ArcGIS, Active Directory, Jupyter notebook, Jira Kanban board, Agile methodology, API's, Figma, Microsoft office (excel, outlook, word)

RELEVANT PROJECTS

Chat App, Personal Project
- Developed an app that utilizes the socket.io library to use web sockets for real-time messaging.
- Learned how to use socket.io web sockets, Node and Express for server communication.
- Main challenges were correctly communicating data between frontend and the server.

Workout Tracker, *Personal Project*
- Developed a CRUD app that allows a user to create workout sessions and filter them by days of the week.
- Learned how to sort data displayed on the DOM and how to utilize local storage to save data.

Library Database, *Class Project*
- Created a relational database with Microsoft SQL server using database normalization techniques for a library book system.
- Used SQL to insert and edit data within the database. Used python and PyODBC to connect to the database to extract data.
- Learned how to develop/design database schema, normalization guidelines and SQL language fundamentals.

EDUCATION

B.S. Information Technology	Expected Dec 2022
Arizona State University, Online	3.90 GPA
A.A Science and Quantitative Reasoning	
Solano Community College, Fairfield, CA	3.51 GPA
A.A Liberal Studies	
Solano Community College, Fairfield, CA	3.51 GPA

WORK EXPERIENCE

EN Engineering, San Ramon, CA: GIS Technician   07/2020 - 03/2021
- Created engineer drawings of utility poles including lines/equipment and technical specifications included on each.
- Used PG&E GIS web application to discover relevant data to field note utility poles and create maps.
- Used Microsoft Office to track/document project progress (excel, word, outlook, skype).
- Queried data from PG&E SAP database.

ITC Service Group, Contra Costa County, CA: GIS Technician   06/2019 - 04/2020 *(COVID-19 layoff)*
- Geo-spatial data collected through use of Trimble Geo 7x unit using TerraSync software.
- Performed task objectives for underground field work to create base maps for public roadways.
- Used Google Earth to assist in creating base maps and finding measurements.
- Trained in stationing to create maps by hand.

West Contra Costa Unified School District, Hercules, CA: Classroom Instructional Aide   08/2018 - 06/2019
- Collaborated with a team of service providers for students with special needs.
- Modified class work so special needs students can access the curriculum.

Allied-Universal, Novato, CA: Security Supervisor   08/2013 - 08/2018
- Managed a team of 2-4 guards each shift to ensure proper procedures/standards were being met and followed.
- Supervised access control of all persons entering buildings/campus through patrol personnel and monitoring C-CURE and CCTV