Devin White

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WORK EXPERIENCE

FLSmidth | **April 2019 - Present**

Data Engineer — **June 2022 - Present**

- Responsible for creating and maintaining Python scripts to automate scraping data from company websites and excel sheets, cleaning the data, and uploading data to the database, in addition to automating various reports, queries, and tasks, saving the company time and manpower.
- Developed and maintain the internal website and apps for the Health, Safety, and environment (HSE)department according to specifications.
- Led, designed, and worked with colleagues to completely overhaul the internal database to improve data integrity and speed up data retrieval to meet the current and future needs of the business, reducing retrieval times from the largest data sets from approximately 5 hours to 30 minutes.
- Led the massive undertaking of separating the data/databases between the cement and mining segments of the business to facilitate separation of management in alignment with company goals.
- Generated reports and delivered data to the North American sales team, such as at-risk accounts ensuring informed decision-making and increasing total revenue.
- Spearheaded the adoption and uniform implementation of version control using Git within the business analytics department improving version control and backups.
  Create SQL queries and dashboards for revenue, order intake, and other data as requested for internal use by other departments.

Laboratory Technical Analyst — **April 2019 – June 2022**

- Assisted Research & Development on product development by preparing samples, performing a variety of test-work, and analyzing and reporting data. Authored SOPs (standard operating procedures) for various tests and sample preparation techniques to preserve institutional knowledge.
- Conducted regular audits to ensure high quality work is being done in a timely manner, Trained Technicians on sample preparation, testing methodologies, and data interpretation.

Utah Transit Authority | **August 2022 – October 2022**

Application Development intern

- Utilized Azure Devops for tracking user stories/tasks, managing workflow, submitting pull requests.
- Contributed to application quality assurance by creating tests and participating in weekly standups.
- Developed and supported UTA applications using C#, JavaScript, HTML, CSS, ASP.Net, MS SQL with SQL Server databases and SSRS reporting services.

ARUP Laboratories

Software Engineer Intern — **July 2022 – November 2022**

- Lead development on a prototype reactive web application with the goal of assisting employees and clients in optimizing quality control and for research purposes. Tasks included writing all documentation, creating a timeline of deliverables, deciding upon project requirements and specifications, and ultimately designing and programming the entire application.
- Conducted weekly standups with my mentor, where progress was reported, feedback was gathered, and any blocks/troubles were discussed. Based upon these discussions, iterated on the design of the application as needed, and updated relevant documentation and goals.
- Coded, tested modules, and conducted research on the Precision QA model to test and improve data.

Webaholics

Web Developer — **July 2020 – November 2020**

- Created a custom pricing tool from scratch using PHP for a client's clothing business, allowing smart pricing based on individual customers.
- Used Trello for project management, such as creating user stories, organizing/tracking progress, creating new tasks and recording time worked.

EDUCATION

University of Utah	*Salt Lake City, UT*
B.S - Computer Science	**2021-2023**
Salt Lake Community College	*Salt Lake City, UT*
A.S - Computer Science and Information Systems	**2019- 2020**
University of Utah	*Salt Lake City, UT*
B.S- Geology	**2012-2018**

SKILLS

Programming Languages: C# | Python | Java | C++ | C | JavaScript | TypeScript | PHP

Web Development: | SQL | TSQL | MySql | HTML | CSS | Bootstrap | Oracle | Blazor | WordPress

Project Management: Azure Devops | Trello | Jira | Agile Methodologies | Object Oriented Programming | LabWare LIMS

Other Software and Tools: Docker | Linux | Windows | Git | Azure | Unity | Unreal | PowerBI | Qt | Cmake | Makefiles | .Net