Dan Edens

Software Developer
Project Coordinator
DevOps & Automation

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Github/DanEdens/Resume

Software Engineer and GeoTechnical Monitoring Specialist

- Long history of providing Accurate and Reliable Data
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Incomprehensive list of tools I have delivered products using:
- Python, NodeJS, Javascript, Java, CRBasic, SQL, REST, PHP, and MQTT
- DevOps CI/CD, Containerization, and Documentation generation
- Cloud platforms including Azure, Gitlab, and AWS

View My Portfolio on Github

Geo Instruments - Project Coordinator −

06/2018 - Present

Position: Project Coordinator
Description: Geotechnical Instrumentation and Automation Specialist

Operated an Office Remotely in Little Elm,Tx for 3.5 years

Developed website's for delivering sensor data to the Client

Responsible for managing projects consisting of:

Data collection, Server Management, Website development, Risk mitigation, and Compliance Documentation

Chili's Grill and Bar - Lead Prep Cook −

06/2014 - 06/2018

Position: Lead Prep Cook
Description: Lead Prep team, Maintained Show-ready kitchen for Chili's Test location in Castle Hills, TX

Took Key part in Franchise showcases and assisted during Marketing events such as filming TV commercials

Worked with Corporate to help Field test new Products and Improve upon standards

Developed Mobile Apps for Kitchen Use:
1. Hands-Free Recipe App for Kitchen Tablet
2. Mobile App for collecting Cooling log Data and scheduling Oven timers
3. Mobile App for collecting Data on the accuracy of Daily On-hand Food Quantities

AMEC - Lab Technician −
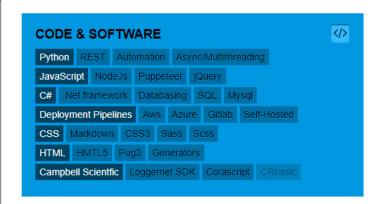
08/2013 - 04/2014

Position: Laboratory Technician
Description: Performed laboratory testing on concrete and soil samples

Collected data and maintained reports for tests on Concrete samples

CODE & SOFTWARE </>

`Python` `REST` `Automation` `Async/Multithreading`

`JavaScript` `NodeJs` `Puppeteer` `jQuery`

`C#` `.Net framework` `Databasing` `SQL` `Mysql`

`Deployment Pipelines` `Aws` `Azure` `Gitlab` `Self-Hosted`

`CSS` `Markdown` `CSS3` `Sass` `Scss`

`HTML` `HMTL5` `Pug3` `Generators`

`Campbell Scientfic` `Loggernet SDK` `Corascript` `CRbasic`

PRACTICES & TOOLS 🖥

`Version Control` `CD/CI` `Pipelines` `Server Managment`

`SDLC methodologies` `Agile` `Devops` `Scrum` `Iterative`

`Cloud Services` `Security Groups` `Rescource managment`

`Containerization` `Docker` `WSL` `Build Automation`

`Cloud Computing` `Agent Pools` `Virtual Machines`

`Project Management` `Microsoft Teams API` `Power Automate`

`Field Experience` `User-Centered Design` `Mechanical expertise`

Monitoring Portfolio

Fuji Vegetable Oil Tunneling
Project News Article

- Tunneling Monitoring below 14 lines of Railroad
- Provided the client with Settlement data during Operations

Aug 2021 - Apr 2022

425 Riverside Excavation Monitoring
Related News Article

- Diaphragm wall project in Downtown Austin, Tx
- Data used to verify design loads during construction, resulting in the elimination of a row of anchors

May 2019 - Jun 2020

Atoka Pipeline Repair
Related News Article

- Tunneling project to relocate a Water pipeline underground
- Installed 2 AMTS systems to monitor the active water pipeline during blasting activities

Jul 2019 - Jan 2022

Government Center Parking Garage
Related News Article

- Load Test performed on supports affected by the Government Center Garage collapse in Boston, MA
- Deployed MPBX Laser systems and String potentiometer during testing

May 2022

Texas 161 MSE Wall Repair
Project Spotlight

- I oversaw Settlement Monitoring during repair of a collapsed MSE wall in Fort Worth, TX
- Settlement was monitored using Tiltmeters and Automated Total Stations during the wall's repair

2021

Capitol Complex Excavation
Project Website

- Excavation monitoring in Downtown Austin, Tx.
- Installed AMTS systems, Tiltmeters, Automated inclinometers, and Vibration Monitors.

Mar 2018 - Jul 2022

SH288 MSE wall failure
Related News Article

- Provided the client with SAA and Piezometer data during operations
- These were used to monitor for additional settlement and the height of the water table during Emergency repairs

Apr 2021 - Oct 2021

Columbia-Lock and Dam - Emergency repairs
Project Spotlight

- Emergency Repair of an Army Corps of Engineers' Lock and Dam
- Provided Equipment troubleshooting and Live Data monitoring for the repair team
- Developed a Grout logging app for Crew working in heavy storming
- Deployed Piezometers and Tiltmeters 40 feet underwater on the Dam's slab

Nov 2018 to Feb 2019