[Dan Edens](https://github.com/DanEdens)

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**Tools for Project Management**

* Sitecheck Scanner
* [Check it out on Github](https://github.com/DanEdens/sitecheck)
* [Demo On Youtube](https://www.youtube.com/watch?v=HExwe__eeJU)
* [pip install sitecheck](https://pypi.org/project/sitecheck/0.8.1.1/)  
  [IMAGE ALT TEXT](http://www.youtube.com/watch?v=HExwe__eeJU)
* A guided visual tour of project websites.
* Automated Browser used for detecting setup errors, missed readings, and anomalous data.
* Navigates through projects and highlights changes in sensor status.
* CLI for end-to-end testing project websites.
* Posts results to the company Team’s channels.
* Assists Geo-Instrument’s field techs with keeping an eye on multiple projects while working in the field.
* SQL database is checked and any sensors missing longer than 22 hours are reported to an MQTT broker.
* Reduces load on the server for project checks, and prevents missed issues when working with sensors on very congested plan views.
* Results customizable for each project manager
* Timelapse\_factory
* [Demo On Youtube](https://www.youtube.com/watch?v=cgKvyPWVw6E)
* NodeJS Web scrapper for pulling plots of data graphed on our Quickview platform. Example GIf
* Used to overlay data from sensors installed in the Diaphragm wall onto Jobsite Camera footage.

**Tools for the Shop**

* AMTSworkshop  
  *Began as migration of 20 years worth of Campbell Scientific Datalogger programs into Git.*  
  AMTScover
* Worked on an R&D project for a new type of Monitoring prism.
* Azure DevOps pipelines for testing each commit on live lab equipment
* Designed to handle rolling out changes slowly due to certain project specs requiring legacy versions on remote data loggers.
* Geo Battery Bot  
  [Check it out on Github](https://github.com/DanEdens/GeoBatteryBot_public)  
  Batterybotexample  
  Batterybotexample  
  Mobile app for tracking inventory of Geo-instrument’s fleet of 110ah AGM batteries.  
  This is used to manage the [desulfating](https://www.upsbatterycenter.com/blog/battery-desulfation/) schedule.
* I created a QRcode generator which publishes a number and status to the (Join API)[https://joaoapps.com/join/api/].
* A tablet located in the Geo-Instrument’s Shop acts as the server.
* Created an Andriod app as GUI and backend to log unit events.
* **Stickers are generated in a given range of serial numbers by the** [**python script: QR-generator.py**](https://github.com/DanEdens/GeoBatteryBot_public/blob/master/qr-generator.py)

**Chili’s Grill and Bar**

* 4570 TX-121, Lewisville, TX 75056 - (214) 494-6341  
  Prep Cook: 01/2016 to 06/2018
* Motivated food industry worker offering over 5 years of experience.
* Lead Prep team, Maintained a show-ready kitchen for Chili’s Test location
* Took part in Franchise showcases and assisted in Marketing events such as filming TV commercials.
* Worked closely with corporate offices to help field test timely and effective ways to improve menu recipes and standards.
* Created a hands-free Recipe app for the kitchen’s tablet.  
  Created Cooling log and Inventory tracking app.
* Collected data on the accuracy of daily On-hand food quantities for a 6-month period. This Resulted in Improved Daily prep list efficiency.

**Chili’s Grill and Bar**

190 Williamson Blvd, Ormond Beach, FL 32174 - (386) 672-7760  
Prep Cook: 06/2014 to 09/2015

[**Wood (Previously known as AMEC Earth HYPERLINK "https://www.woodplc.com/"& HYPERLINK "https://www.woodplc.com/" Environmental)**](https://www.woodplc.com/)

4490 Beltway Drive, Addison, TX 75001 - (469) 828-4100  
Laboratory Technician 08/2013 to 03/2014

* Performed laboratory testing on concrete and soil samples.
* Collected and maintained data reports detailing project samples.
* Managed test scheduling and preserving samples in limestone storage tanks

• Certifications:  
[ACI Concrete Technicain certification](https://www.concrete.org/certification/certificationprograms.aspx?m=details&pgm=Field%20Concrete%20Testing&cert=Concrete%20Field%20Testing%20Technician%20-%20Grade%20I)

**Education**

Associate of Arts: Computer Science  
North Lake College - Irving, TX: 2012-2014  
- Focused on coursework in Mathematics and Intro to C++