Projects:

* Busses of Austin Rating System (BARS): An app that helps Austin commuters rate their travel experience on public transport, helping others to plan their trip as well as creating a dataset for the Austin Metro Department to analyze and determine avenues of growth.
  + Technologies used:
    - Python BeautifulSoup, Pandas: scraping [X MB] of data on Austin bus routes and stops
    - Google Geofences API: Location-based services
    - AndroidStudio
  + Tags: fun, service
* IBM and Sahana Eden: Analyzed 10 years of call history from the Thornwood FD (link) to recommend new policies.
  + Tech used:
    - IBM Bluemix: Set up a server to host the Sahana Eden platform.
    - Python BeautifuSoup, Pandas: Scraped and cleaned 10 years of call history.
    - Tableau: Geolocation-based analystics, chi-squared goodness of fit models.
  + Tags: analytics
* FTC Scouting System: Developed a data collection and analysis system to determine alliance partners and track robot design progress.
  + Tech used:
    - Tableau: Visualize robot capabilities to quickly determine optimal alliance partners.
  + Tags: robotics, analytics
* Teamquadx.org: Fully custom website for robotics team that averages 300 visits a month during the season.
  + Tech used:
    - HTML, CSS, and Javascript
    - Materialize: Google’s CSS framework.
  + Tags: robotics
* SACOT map: Visualize the current state of funding for each US state and links users to resources to contact their local representative.
  + Tech used:
    - GIS: Project information onto a map of the US.
  + Tags: robotics, service
* Banana Bot: A twitter bot that regularly posts facts about bananas.
  + Tech used:
    - AWS: hosting the script to ensure nobody ever misses a banana fact.
    - Twitter API
    - Python
  + Tags: fun
* STEM Workshop Curriculum: 20 hours of curriculum for teaching elementary to middle school students the basic of 3D modelling, web development, GIS, and design thinking.
  + Tech used:
    - TinkerCAD
    - Makerbot 3000: Modelled and 3D printed fidget spinners for the students.
  + Tags: service

Other content:

* Extended resume
* 1-paged resume
* Mentions
  + Latinitas magazine
  + There something about Dean’s List?
  + Something about robotics with a mention
* Links
  + LinkedIn
  + GitHub
  + Email (98)
* Current projects: (tag = current)
  + Cornell Campus-Wide Gift Exchange: Develop a system to match Cornell students in a gift exchange.
    - Tech used:
      * SQL?
      * Node.js?
* Causes I’m passionate about:
  + Making STEM accessible to everyone.
  + Using tech ethically to improve quality of life.