Alan Carrillo

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Education

California State University Chico - *B.S. in Computer Science*
- Related coursework includes: Data Structures and Algorithms, Machine Learning, Networks, Security, Web Development, Parallel and Numerical Programming

Projects

Route Pricer: https://github.com/acarrillo541/route-pricer
- Calculates gas cost for long distance road trips and finds ideal refuel stops along path
- Mobile application developed using Flutter framework (IOS)
- Firebase used to store user profiles along with their path's waypoints and ideal refuel locations
- Used suite of Google Maps Apis to render maps, find locations on map, and find/render path on map

Team-Synch: https://github.com/acarrillo541/Team-Synch
- Group based project developed using agile scrum to coordinate between 5 different members
- Web application built with Django framework to manage and facilitate group based projects
- Incorporated Bootstrap for the front end, and using database to manage user authentication / data
- Took lead on weekly meetings and documenting / accessing work done by each component

Project Templatizer:
- Users may create a work estimate based on a few preliminary questions and converted to pdf
- Invoice can be saved to local machine / archived on the app and when work is complete an invoice is automatically created
- User can track previous projects for profits/revenue and access old invoices/estimates

Experience

Horizon Construction, Stockton CA - *Construction Worker*   **January 2018 - Present**
- Quickly moved from entry level position to self-sufficient team member
- Worked alongside team to complete large projects from start to finish
- Took part in assigning daily roles to team members and oversaw work being done

Technical Skills

Fluent in English and Spanish
Languages: Python, C++, Javascript/CSS/HTML, Bash, Dart
Frameworks & Tools: Django, Flutter, Node.js, Git, React.js, Google Cloud Platform