

# David Teutli

(915) 201-0158 | dateutli@gmail.com | davidteutli.com

## Education

### COMPUTER SCIENCE | THE UNIVERSITY OF TEXAS AT EL PASO | FALL 2018

- Software Engineering: Requirements, Design, and Implementation
- Database Management
- Programming Languages
- Human-Computer Interaction
- Secure Web Based Systems
- Computer Security
- Computer Architecture
- Operating Systems

## Employment

### FULL STACK DEVELOPER | CENTER FOR TRANSPORTATION INFRASTRUCTURE SYSTEMS | 2015 - 2018

Developed PAVEPER, an online tool to measure and predict the performance lives of roads in Texas by:

- Developing a UI with [Bootstrap](#) and [JavaScript](#), along with the [Google Maps Web API](#) to overlay and display spatial objects of interest
- Following a variation of the CRISP model to mine data making use of [MySQL](#) and [Python](#)

Developed CLOCKINOUT (<https://git.io/fxh5P>), a website to keep track of employees' performance by:

- Developing an API to handle CRUD requests with [Lumen](#)
- Developing a simple and responsive website with [Bootstrap](#) and [JavaScript](#)

## Awards

### 1ST PLACE PARKHUB CHALLENGE - HACKDFW 2019

- Web application to predict traffic based on past traffic data, crowdsourced parking information, and high-attendance public events
- <https://devpost.com/software/time-map>

### BEST AIRLINE INDUSTRY HACK - TAMUHACK 2018

- Your all-in-one solution for traveling information, in-flight experience, and productivity enhancement for flight attendants
- <https://devpost.com/software/american-airlines-companion-app>

### TAGAIT CHALLENGE WINNER - EARTHACK 2017

- Easy and convenient way to manage a fleet that is compatible with any kind of vehicle
- <https://devpost.com/software/tagait-tracker>

## Languages and Technologies

- |              |       |           |       |          |       |
|--------------|-------|-----------|-------|----------|-------|
| • PHP        | ★★★★☆ | • Python  | ★★★★☆ | • Vue.js | ★★★★☆ |
| • JavaScript | ★★★★☆ | • C       | ★★★★☆ | • MySQL  | ★★★★☆ |
| • Java       | ★★★★☆ | • Laravel | ★★★★☆ | • GitHub | ★★★★☆ |