

David Teutli

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Education

B.S. IN 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

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