

Kevin Apodaca

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Experience

Software Engineer Intern

JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY

Laurel, MD

May 2020 - Dec 2020

- Worked on Agile team to develop Angular web app for sharing bio-surveillance data
- Decreased system load time from 5 seconds to 1 second by lazy loading feature modules
- Developed reusable components that interface with NIFI workflows and other microservices
- Conducted test-driven development using Jasmine + Karma to write Unit Tests, ensuring functionality and code refactorability

Web Developer

ACADEMIC TECHNOLOGIES LEARNING ENVIRONMENTS, UTEP

El Paso, TX

Nov 2018 - Dec 2020

- Maintain and expand custom data center supporting services such as databases, virtual machines, and containerized microservices
- Developed four interactive and dynamic websites using Bootstrap4, Javascript, and jQuery Increasing viewer traffic by 20%
- Managed a team of 20+ employees, leading team meetings and efforts in resolving technology issues within the department

Instructional Assistant

COMPUTER SCIENCE DEPARTMENT, UTEP

El Paso, TX

Jan 2020 - May 2020

- Assisted a Database Management course of 30 students in developing web interfaces with databases for projects based on client requirements
- Developed programming assignments to assess student comprehension, including use of MySQL, PHP, and database schemas

Research Assistant under Dr. Martine Ceberio, PHD Faculty

CONSTRAINT RESEARCH & READING GROUP, UTEP

El Paso, TX

Jan 2018 - May 2020

- Collaborate during weekly meetings and conduct research in the topics of decision-making under uncertainty, machine learning algorithm optimization, constraint solving, and interval arithmetic

Education

Bachelor's in Computer Science | Minor in Mathematics

3.90/4.00 GPA

THE UNIVERSITY OF TEXAS AT EL PASO (UTEP)

Dec 2020

- Graduated Magna Cum Laude
- Dean's List for eight consecutive semesters (2016 to 2020)
- Received Miner Grant Scholarship which is awarded to high-achieving students
- Awarded STAARS Scholarship three consecutive semesters

Projects

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|-----------|---|
| FRIC | MongoDB, Express, VUE, Node , full-stack progressive web app for Army Research Lab to track vulnerabilities, tasks, and generate custom reports based off ingested data from a custom API. |
| AdviseMe | MySQL, PHP, HTML&CSS , a modern database system for UTEP students to complete academic advising through a web interface. Authorization and Authentication with CRUD functionality and report generation. |
| Fantasker | MongoDB, Express, Angular, Node , a progressive web app with a custom REST API and JWT authorization that serves as your own task management system. |
| Covidly | Django, Bootstrap, Node, SQLite , web app that tracks and visualizes COVID infection statistics in the U.S, with related tweets and news articles. |

Volunteer Experience

Microsoft Teals, Radford School

COMPUTER SCIENCE TEACHER | 30+ HOURS PER WEEK

El Paso, TX

Aug 2019 - Mar 2020

- Developed and taught an interactive course for a class of 12 students focusing on computer science fundamentals.
- Taught concepts such as looping, conditionals, recursion, data structures through game-based python projects.
- Introduced students to web technologies and concepts through beginner-friendly projects

CS Tech Team, UTEP


NETWORK TECHNICIAN

El Paso, TX

Aug 2018 - Jan 2019

- Maintained Wordpress server infrastructure for entire C.S. department & troubleshooting computer and network issues.

Skills

Web Development, HTML5 & CSS3 | SCSS | Javascript & Typescript | PHP | MySQL | MongoDB | PostgreSQL
Programming Languages, Python | Dart | Java | Bash | Go
Tools, Git |  Vim | Docker | Jira | Jenkins | Travis CI | Netlify & Heroku
Frameworks, VueJS | Angular(9+) | React | Django | Gridsome | Gatsby
UI/UX Design, Adobe XD | Sketch | Figma | Affinity Designer
Soft Skills, Native proficiency in English & Spanish | Leadership | Public Speaking