

Kevin Apodaca

☎ (915) 701-6665 | ✉ kevin.apodaca7@gmail.com | 🏠 kevinapodaca.github.io | 📄 KevinApodaca | 🌐 Kevin Apodaca

Education

Bachelor's in Computer Science | Minor in Mathematics

3.90/4.0 GPA

THE UNIVERSITY OF TEXAS AT EL PASO

Dec. 2020

- Dean's List for eight consecutive semesters (2016 to present).
- Received Miner Grant Scholarship which is awarded to high-achieving students.
- Awarded STAARS Scholarship three consecutive semesters.

Experience

Front End Software Developer

Laurel, MD (remote work)

JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY

May. 2020 - Aug. 2020

- Worked on Agile team to develop Angular web app for sharing bio-surveillance data.
- Decreased system load time down to 1 second (compared to 5+) by lazy loading feature modules
- Conducted test-driven development using Jasmine + Karma to write Unit Tests, ensuring functionality and code refactorability

Web Developer

El Paso, TX

ACADEMIC TECHNOLOGIES LEARNING ENVIRONMENTS, UTEP

Nov. 2018 - PRESENT

- Co-developed an iOS scheduling application in Swift, for student faculty to create their work schedules.
- 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 (Database Management Course)

El Paso, TX

COMPUTER SCIENCE DEPARTMENT, UTEP

Jan. 2020 - May. 2020

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

Research Assistant under Dr. Martine Ceberio, PHD Faculty

El Paso, TX

CONSTRAINT RESEARCH & READING GROUP, UTEP

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.

Projects

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|--------|---|
| iOS | Schédule , an app that takes JSON data and creates work schedules for Learning Environments employees. |
| DB | Advise.Me , a modern database system for UTEP students to complete academic advising through a web interface. Implemented CRUD functionality with MySQL database and PHP scripting |
| Web | Learning Environments , a website that hosts information and schedules for various departments at the University of Texas at El Paso (as well as storing and displaying 27 employee work schedules.) |
| Native | QuizR , cross-platform app for users to develop trivia quizzes and test their knowledge. Implemented MVU architecture, Firestore, user authentication, and SharedPreferences |

Volunteer Experience

Microsoft Teals, Radford School

El Paso, TX

COMPUTER SCIENCE TEACHER | 30+ HOURS PER WEEK

August. 2019 - Mar. 2020

- Developed and taught an interactive course for a class of 12 students that focuses on the fundamentals of computer science.
- Teaching concepts such as looping, conditionals, recursion, data structures through game-based python projects.

CS Tech Team, UTEP

El Paso, TX

NETWORK TECHNICIAN

Aug. 2018 - Jan. 2019

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

Tech-E Summer Camp, UTEP

El Paso, TX

EDUCATOR

Nov. 2018 - PRESENT

- Provided instructional workshops to groups of over 1200+ k-12 students, focusing on current and developing technologies such as 3D Design, programming, web development, and digital electronics.

Skills

Programming Languages, Python | Dart | TypeScript | Java | Swift | Bash | Go

Web Development, HTML5 & CSS | LESS & SASS | Javascript | PHP | MySQL

Tools, Git | \LaTeX | Vim | Markdown | Docker

Frameworks, Angular(9+) | Flutter | ReactJS | SwiftUI

UI/UX Design, Adobe XD | Sketch | Figma | Affinity Designer

Soft Skills, Fluency in English & Spanish | Leadership | Public Speaking