

Kevin Apodaca

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Education

Bachelor's in Computer Science | Minor in Mathematics

3.90/4.0 GPA

THE UNIVERSITY OF TEXAS AT EL PASO

Exp. Dec. 2020

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

Experience

Computer Science Department, UTEP

El Paso, TX

INSTRUCTIONAL ASSISTANT (DATABASE MANAGEMENT COURSE)

Jan. 2020 - PRESENT

- 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 modeling.

Academic Technologies Learning Environments, UTEP

El Paso, TX

WEB DEVELOPER & DESIGNER

Nov. 2018 - PRESENT

- Co-developed an iOS scheduling application in Swift, for student faculty to create their work schedules.
- Developed two interactive and dynamic websites that displayed available resources, events, and information about UTEP's makerspace and Undergraduate Learning Center building.
- Managed a team of 20+ employees, leading team meetings and efforts in resolving technology issues within the department.

Constraint Reading & Research Group, UTEP

El Paso, TX

RESEARCH ASSISTANT UNDER DR. MARTINE CEBERIO, PHD FACULTY

Jan. 2018 - PRESENT

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

Protech Global Solutions Inc.

El Paso, TX

PRODUCT MANUFACTURING & DESIGN INTERN

Jun. 2016 - Aug. 2016

- Led a team of 10 people, being responsible for all stages of production, including testing, assembly, and distribution of a product for a national home automation supplier. Leading to higher quality production and a reduction in wasted materials as well as completing the project two weeks ahead of time.

Projects

- iOS **Schédule**, an app that takes json data and creates work schedules for Learning Environments employees.
- DB **MAGA**, a modern database system for UTEP students to complete academic advising through a web interface.
- 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.)
- Android **uBeatCS**, a mobile application for students to share notes, powerpoints and other class resources.

Volunteer Experience

Microsoft Teals (Radford School)

El Paso, TX

COMPUTER SCIENCE TEACHER | 30+ HOURS PER WEEK

August. 2019 - PRESENT

- 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

STUDENT STAFF

Aug. 2018 - Jan. 2019

- Maintaining 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 (3 years) | Java (2 years) | Swift (4 months) | C (3 months)

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

Tools, Markdown | \LaTeX | Vim | Git

Design, Photoshop | Illustrator | InDesign | Sketch | Principle

Soft Skills, Fluency in English & Spanish | Leadership | Self-management |