Kevin Apodaca

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Education

- **The University of Texas at El Paso** — El Paso, TX
  Bachelor of Science in Computer Science, Minor in Mathematics — *Expected: May 2020*
  - Completed Data Structures

Work & Research Experience

- **Academic Technologies Learning Environments (UTEP)**
  Undergraduate Assistant and Developer — *November 2018 - Present*
  - Promoted STEM careers to underprivileged youth in the El Paso region by hosting workshops to enhance programming skills
  - Maintained internal infrastructure and maintenance for over 100+ computers

- **Entering Student Program (UTEP)**
  Peer Leader — *August 2018 - November 2018*
  - Assisted a class of 30 transfer students with their transition into the University of Texas at El Paso by providing them with valuable information regarding the resources available at the University and answering their questions.
  - Responsibilities include grading assignments, teaching C.S topics, and creating programming activities to demonstrate knowledge of lessons taught.

- **Constraint Reading and Research Group**
  Research Assistant — *January 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.

Projects

Classroom Control An iOS application developed in Swift to manage computer connection, light control, and display settings in university classrooms, installed in over 100 iPads.

2001–Present Major contributor to ISC cron (formerly Vixie cron).

Volunteer Experience

- **Google igniteCS** — May 2017 - August 2018
  Student Mentor | Project Co-Lead — *University of Texas at El Paso*
  - Co-Led a team of 30 student volunteers in mentoring 9-12 grade high school students, introducing them to problem solving skills and fundamental computer science concepts in order to spark a passion and an interest in the field of computer science.
  - Developed an Amazon Alexa & Google Assistant activity with JavaScript, to introduce mentees to AI concepts.

Skills

Languages: Java(2 years) | Python(1.4 years) | HTML & CSS | Swift | C | LaTeX

Operating Systems: Linux, OpenBSD, FreeBSD, Mac OS X, UNIX

Security: Extensive experience writing secure code and auditing code for security-related errors

Miscellaneous: Excellent troubleshooting and debugging skills

Honors & Awards

Dean's List

STAARS Scholarship Recipient