

Michael Alves

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Education

M.Ed. Education Technology Leadership
06/11

Lamar University *Beaumont, Texas*
GPA 4.0

B.A. English
05/94

University of North Texas *Denton, Texas*
Additional course work in English as a Second Language, Music, German, Computer Education

Texas Teaching Certifications

Classroom Teacher: Computer Science 8-12, Technology Applications 8-12, Secondary English (6-12), English as a Second Language (6-12)

Professional Experience

Career & Technology Teacher
08/22 to present

Plano Senior High School *Plano, Texas*
Grades 11-12. Courses include: Digital Electronics, Engineering Design and Development, AP Computer Science A, Computer Science II

Career & Technology Teacher
08/14 to 08/22

Vines High School *Plano, Texas*
Grades 9-10. Courses include: AP Computer Science Principles, Computer Science I, Intro to Engineering, Video Game Design, English II, English II Pre-AP

English Teacher
08/11 to 08/14

Garland High School *Garland, Texas*
Grades 9-10. Courses taught: English I, English II, English II Pre-AP, English II International Honors.

Secondary ESL Instructional Support Teacher
08/08 to 08/11

Garland Independent School District *Garland, Texas*
Duties included tracking student performance, writing curricula, creating staff development, ensuring campus compliance with TEA law, mentoring teachers and ELL students.

Mac Specialist
11/06 to 08/08

The Apple Store *Plano, Texas*
Specialized in sales and in individual and group computer training.

ESOL Adjunct Professor
01/02 to 08/08

Dallas County Community College *Dallas, Texas*
Taught Listening, Speaking, Reading, Writing, and Grammar courses at Richland, Brookhaven, Mountain View, and El Centro campuses.

ESOL Teacher
08/03 to 05/05

Lakeview Centennial High School *Garland, Texas*
Grades 9-12. Courses taught included Sheltered English II, III, and IV, and 9th Grade Intermediate Reading.

English/ESOL Teacher
01/95 to 05/03

Sunset High School *Dallas, Texas*
Grades 10-12. Courses taught included English as a Second Language III, English IV, and Sheltered English I, II, III, IV.

Professional Development

Latinx Educator Maker Lab: Making CS Accessible (11/22)
Presenter - We Teach Computer Science Summit (06/22)
We Teach APCS Training (06/22)
Texas Computer Educators Association Exhibition (02/22)
Project Lead the Way Core Training, Texas (2022, 2015)
Trainer - National Institute of Math and Science Certification AP CS Principles (2020)
Trainer - We Teach Computer Science Certification Prep Course (2020)
Reader - College Board AP Computer Science Principles (2019, 2018)
We Teach Computer Science Deep Dives: BBC: Micro:Bit with Students (2018)
We Teach Computer Science Summit (2017)
We Teach Computer Science Collaborative (2017)
Project Lead the Way, Texas Conference (2016)

Professional Distinctions

Active Member - Computer Science Teacher Association, 2018-present
Coach - FIRST Robotics Challenge Coach, Team 6171 Chain Reaction Robotics Plano Senior High School, 2022-present
Coach - Robotics FIRST Technical Challenge, Team 11341 ViBøTs Vines High School, 2016-2022 (**UIL State Champions 2021**)
Sponsor - Coding Club, Vines High School, 2021-2022
Extern - Plano Teacher Extern Program, Summer 2018
Sponsor - Chess Club, Vines High School, 2014-2015
Sponsor - Retro Gaming Club, Garland High School, 2013-2014
Garland High School Faculty Rock Band "Benny Fits", 2008-2014
Coach - UIL Literary Criticism, Garland High School, 2012-2014 (**UIL District Champions 2012**)
Teacher - Evening Study Center, Garland ISD, 2009-2010
Department Chair - English as a Second Language, Lakeview Centennial High School, 2005
Department Chair - English as a Second Language, Sunset High School, 1998-2000

Curriculum Development

Computer Science I, Plano ISD
AP Computer Science Principles, Plano ISD
Video Game Design, Plano ISD

Skills

Java programming language
Computer Aided Design (CAD), Autodesk Inventor and Fusion360
3D printing expert
Basic electronics