

Software Developer

Former successful teacher looking to leverage education work experience and software development skills to implement software solutions. Direct experience utilizing current web development tools such as HTML, CSS, JavaScript, jQuery and the MEAN stack to build web applications and services as solutions for various projects.

SKILLS

Developed Skills

- HTML/CSS/Bootstrap
- Vanilla JavaScript
- jQuery / Angular
- MEAN Stack
- Git, Github and version control

Emerging Skills

- ReactJS
- Agile Project Management
- iOS / Swift Developer
- Python Developer

EXPERIENCE

Eleven Fifty Academy

- Developed IoT dashboard for Kyle Hilgendorf's (Research VP - Cloud Computing) Gartner presentation.
- Led a workshop on AJAX calls and helped students build a tutorial on RESTful APIs.
- Planned and implemented several projects - individual and paired programming.
- Completed tutorials on mongoDB, AJAX, Angular, and nodejs.
- Developed a JavaScript library to develop skills and have a quick reference.
- Learned git, Github and version control practices.

Head Band Director | Frankton Jr. / Sr. High School (May 2008-Present)

- Responsible for hiring and evaluating 3-5 staff members yearly.
- Supervise and coach student teachers and Ball State University practicum students.
- Help students learn basic and intermediate design skills through video editing software.
- Expose students to coding through lessons in Scratch and code.org.
- Help students learn basic composition skills through Incredibox, Soundation and Flat.
- Assist music educators in Indiana / Michigan implement web-based software to leverage and elevate classroom instruction.
- Expose teachers and students to learning opportunities through TED Talks and online learning platforms such as coursera.org and udemy.com.
- Helped implement and train teachers in new teacher evaluation software called Standards for Success.
- Helped students develop research pertaining to music using collaborative tools in Google Docs.
- Designed and executed research on the flipped classroom teaching model.
- Helped teachers utilize iPads to create videos for the flipped classroom research.

Assistant Band Director | South Side Middle School (May 2004 – June 2008)

- Assisted head director with middle school instrumental rehearsals.
- Taught beginning brass and woodwinds.
- Assisted with coordination of band department.
- Utilized recording devices to provide students with opportunities to analyze performances.
- Utilized web based composition tools to teach basic music composition.

Assistant Band Director | Anderson High School (Summers 2005-2007)

- Assisted head directors with developing and rehearsing marching ensemble.
- Taught visual technique basics.
- Taught brass sectionals.
- Assisted in visual design utilizing Pyware.

EDUCATION

- Eleven Fifty Academy, Accelerated Learning Program - JavaScript, currently enrolled
- Western Governors University - Master of Science - Major: Educational Leadership, Salt Lake City, Utah
- Anderson University - Bachelor of Arts - Major: Music Education K-12, 3.5 / 4.0 GPA, Anderson IN

PROFESSIONAL DEVELOPMENT

- Agile Training - Eleven Fifty Academy
- Indiana Computer Educators Conference
- K–12 Blended & Online Learning Course (Completed with Distinction, coursera.org)
- Coaching Teachers (Completed with Distinction, coursera.org)
- Creative Problem Solving (Completed, coursera.org)
- Understanding Research Methods (Completed with Distinction, coursera.org)
- iOS 9 and Swift 2 (currently enrolled at udemy.com)
- Python Programming - 3 Courses (Completed at coursera.org)
- Project Management: The Basics for Success (Completed at coursera.org)