

# Ryan L. Buchanan, MS Data Analytics

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## Professional Summary

I am a Virtual Reality Design Instructor, English Instructor and Instructional Designer with 15+ years of teaching experience in educational organizations, business development and administration in public/private education, corporate and community settings. Served across multiple industries including technology, education, and military. Enthusiastic, highly self-motivated and enjoy presenting informative, meaningful courses to students, teachers and administrators. I'm eager to work with motivated educational teams to quickly understand learning groups and implement industry-standard best practices to create the best possible lessons, presentations and curricula. I also enjoy mathematics, watercolor painting, diving, yoga, and physical fitness in my free time.

## Areas of Expertise

- 15+ years teaching/instructing experience and 7+ years designing educational technology and instructional design models
- Military service (veteran status) and demonstrated self-discipline to plan and prioritize work with successful results.
- Strong analytical skills with the ability to collect, organize, analyze and disseminate significant amounts of information with attention to detail and accuracy.
- Knowledge/experience in programming languages C#, CLI, Git, GitHub, R, HTML, CSS, JavaScript, Python and SQL
- Graphic design knowledge and experience in XML, Java for Android Dev, C#, and Unity/Unreal 3D engines for VR Development
- Excellent problem solving, critical thinking skills and time management skills.
- Excellent computer and IT skills, MS Word, MS Excel, MS PowerPoint.
- Excellent verbal and written communication skills.
- Excellent teaching and presentation skills for large and small audiences of all ages, with the ability to quickly troubleshoot software and equipment technology.
- Excellent development, implementation, and evaluation skills with a variety of technical curricula.

## Professional Experience

### Education at Work / Microsoft

Microsoft Tech Support Ambassador

Salt Lake City, UT

2/2022 - 4/2022

- Tech support for IT professionals with Microsoft Office 365

### VR Dev Kids LLC

Business Analyst, Founder, Executive Officer, Software Developer, Instructor

Salt Lake City, UT

1/2016 - 1/2022

- Office administration and support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.
- Trained students, teachers & administrators to develop & integrate VR EdTech tools
- Built a business model to create EdTech startup
- Built necessary database for public school clients as well as students enrolled in VR Dev Kids courses

- Developed Unity Engine VR software using Python, JavaScript, C#
- Built and maintained VR Dev Kids websites using CLI, Git, GitHub, Python, R, HTML, CSS, JavaScript

### **Weber State University - Continuing Education**

VR Development and Design Instructor

Ogden, UT

6/2019 - 12/2019

- Taught elementary to teenager students Virtual Reality Design and Development with Unity 3D Game Engine and C# programming language
- Lead youth/teens in engaging activities and discussions.
- Supervised and managed class and the use of materials.

### **HAFB LEGACY - STEM Leadership Program for youth**

VR Development and Design Instructor

Clearfield, UT

6/2019 - 7/2019

- Taught elementary to teenager students Virtual Reality Design and Development with Unity 3D Game Engine and C# programming language
- Lead youth/teens in engaging activities and discussions.
- Supervised and managed class and the use of materials.

### **Girls Who Code / The Leonardo**

VR Development and Design Instructor

Salt Lake City, UT

6/2018 - 2/2020

- Taught elementary to teenager students Virtual Reality Design and Development with Unity 3D Game Engine and C# programming language
- Lead youth/teens in engaging activities and discussions.
- Supervised and managed class and the use of materials.

### **Raytheon - Royal Saudi Air Defense Force**

English Language Instructor - Technology Implementation Specialist

Jeddah, Saudi Arabia

6/2015 - 12/2015

- Trained adult male cadets
- Integrated digital tools, including Virtual Reality
- Taught technical English courses
- Office support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.

### **Laureate Vocational SA / Higher Institute for Water and Power Technology**

English Language Instructor - Technology Implementation Specialist

Rabigh, Saudi Arabia

4/2013 - 5/2015

- Taught technical English courses
- Integrate tablet technology
- Office support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.
- Built and maintained websites using CLI, Git, GitHub, Python, R, HTML, CSS, JavaScript

### **Haikou Haizhinan School**

English Language Instructor

Haikou, China

8/2010 - 3/2012

- Taught English courses
- Guided calisthenics
- Office support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.

### **Zunyi Medical College - Mobicool Electronics**

English and Business Instructor - Curriculum Designer

5/2009 - 7/2010

Zhuhai, China

- Taught technical English courses
- Offered weekly yoga instruction
- Office support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.

### **Changzhou Textile Garment Institute**

English and Literature Instructor

Changzhou, China

9/2007 - 7/2008

- Taught technical English courses
- Office support with computer and IT skills, Microsoft Outlook, Word, Excel, PowerPoint.

### **United States Army**

Specialist Linguist - Arabic and French

Monterey, CA, USA

9/1996 - 6/2000

- Trained with Arabic and French linguists at the Defense Language Institute
- Learned discipline and rapid problem-solving skills
- Demonstrated ability to rapidly learn and apply multiple linguistic abilities including information analysis, public speaking, attention to detailed instructions, writing composition of foreign language

## **Education**

### **Master of Science - Data Analytics**

Western Governors University - GPA 4.0

SLC, UT, USA

12/2020 - 4/2022

### **Master of Education - Instructional Design & Educational Technology**

University of Utah - GPA 3.97

SLC, UT, USA

9/2016 - 5/2018

### **Master of Business Administration - Economics**

Humboldt State University - GPA 3.61

Arcata, CA, USA

9/2003 - 8/2005

### **US Army Linguist, Arabic & French**

US Army Defense Language Institute  
Presidio of Monterey, CA, USA  
1/1997 - 4/1999

**Study Abroad - British philosophy, politics & literature**

Cambridge University  
Cambridge, UK  
6/1995 - 6/1996

**Bachelor of Science - English & Psychology**

Weber State University - GPA 3.68  
Ogden, UT  
9/1994 - 6/2000

**References**

**Stephanie Benson / Lola Reyes**

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