

Bryceton G. Bible

<http://Bryce.Bible/> – English, Japanese, Esperanto

11700 Crystal Brook Lane
Knoxville, TN 37934

email@bryce.bible

EDUCATION

University of Tennessee Knoxville, MS in Computer Science

SPRING 2022 - PRESENT

Pursuing a **Master's Degree** in Computer Science with Machine Learning concentration at UTK Knoxville.

University of Tennessee Knoxville, BS in Computer Science

AUG 2017 - DEC 2021

Graduated from UTK with a Bachelor's Degree Magna Cum Laude in Computer Science and a minor in Japanese Language.

Kansai Gaidai University, Japan, Japanese Studies

Jan 2021 - PRESENT

Studying **Japanese language** at Kansai Gaidai University in Hirakata. **Team leader** for the Intercultural Engagement **Language Learning** and **Broadcasting Team**. Overall **Project Manager** on the Project Manager Team. **Mentor** to Kansai Gaidai College students via the Service Learning Program.

EXPERIENCE

Freelance Programmer, Tennessee

2010 - PRESENT

Have worked with **server-side** and **client-side** programming for both **web** and **mobile platforms**, as well as Windows and Linux **software design** for many projects. Experienced with building interactive, **large scale websites** from the ground up, including server-side PHP programming, user-end design and interactive elements, and MySQL databases. Collaborated on projects with local startups, University research labs, local businesses, student groups, and industry professionals. Developed and published over **30 Android applications**. Published applications were **downloaded over 300,000 times** with over **4,100 five star reviews**. Apps for both Android Mobile and Android Wear platform were designed using various tools and programming languages including Java via Android Studio and AS3 via Adobe Air. Currently exploring **Virtual Reality** research and design through Unity, C#, Udon, and other 3D tools. Researching audio synthesization through **Machine Learning** via TensorFlow/Python.

Pesternote.com, Tennessee — Owner, Lead Programmer

2012 - 2017

Owner and Lead Programmer of Pesternote.com, a microblogging social network available from 2012-2017, at its peak **servicing 40,000 users**. Designed and deployed many new features, in several programming languages including **PHP, JavaScript and ActionScript 3**. Managed programmers and moderators for the website.

SKILLS

Web Languages: PHP, MySQL, JavaScript (AJAX/JQuery), CSS3, HTML5

General Languages: C++, C and C#, Python, VB.net, Java, Assembly

Development Tools: Android Studio, Adobe Air, Bootstrap, Visual Studio, Unity Engine, Git, Jupyter, TensorFlow, UNIX

Software/Other: Adobe Photoshop, Adobe Premiere, Adobe AE, Microsoft Office, Google Docs Suite, Blender

Other: Audio Mixing/Mastering via DAWs such as Adobe Audition, Garageband and Audacity. Real time stage performance audio mixing. VR development experience. 3D printing and manufacturing.

AWARDS/HONORS

Digital Japanese Ambassador Project to share Japanese culture with the Tennessee community on behalf of UTK's Japanese Department.

Kakehashi Project 2020
Cultural ambassador to Japan in partnership with UTK and the Japanese Foreign Ministry.

Kansai Gaidai Global Ambassador Award for outstanding international student contribution

EXPERIENCE (CONTD.)

Cultural & Community Event Organiser / Presenter

2015 - PRESENT

- Organised events with KGU's **Project Manager Team & Broadcasting Team** via the Intercultural Engagement Program - Fall 2021
- **Facilitator at KGU's Manzai Workshop** with entertainment company Yoshimoto Kogyo Co., Ltd - Spring 2021
- Organised dozens of events with KGU's **Language Learning team** via the Intercultural Engagement Program - Spring 2021
- **Hosted** live "panel" events at conventions across the US. Individual events involved **assembling teams, planning events and content, coordinating** with convention staff, and executing events - largest event attended by **~1000 participants**.
 - Hosted at YamaCon, TN during 2016 - 2019
 - Hosted at Momocon, GA during 2017 - 2018
 - Developed content generation software to streamline production efforts via server-side programming
- Hosted live radio shows broadcast online via internet radio networks. 2014 - 2016

Digital Production

2012 - PRESENT

- Producing **video content** for UTK's **Japanese & MFL departments** used for student & cultural events. 2020 - present
- Producing Japanese culture and **language videos, vlogs & podcasts** distributed on YouTube, iTunes, Google, Spotify, etc. 2017-present
- Produced content for **UTK Office of Asia Engagement**. 2020
- Produced content for the **Knoxville Asia Festival**. 2020
- **Lead Digital Producer** for UTK's Daily Beacon newspaper. 2017
 - Oversaw all **digital content production**
 - **Trained content creators** in professional video production via industry tools and equipment, including studio TV
 - Filmed, interviewed, and edited for events/press conferences on a large scale
- Producing Esperanto language content on YouTube. 2017-present
- Created an hour long audio documentary. 2017
 - Planned and produced content
 - Interviewed experts across the world
 - Edited, published, and premiered on internet radio
- Assembled a podcast group & created regular shows
 - **Wrote, directed, and edited** many hours of comedy and music content, **distributed** across iTunes/Google, etc.
 - **Assembled an international team** of voice actors and writers, including talents such as Kira Buckland (famous for roles in Makoto Shinkai's work, as well as Pokemon, Nier Automata and many other global works of art)
- Realtime audio & lighting engineering work for stage performances. 2011-2017
 - Working with mixing boards, A/V equipment, light boards, presentation software

AWARDS/HONORS (CONTD.)

EURECA Research Conference 2021 - Arts & Sciences Award of Excellence + **OURF Bronze overall** for research on e-learning of languages, especially during the COVID-19 pandemic.

PMI Project Management Foundations Certified

UTK Japanese Speech Contest - First Place in Advanced Category

RESEARCH/TEACHING

UTK Japanese Language Peer mentor- Fall 2020-Fall 2021 - Organised weekly instructional sessions to mentor first semester Japanese learning students at the University of Tennessee.

KGC Service Learning Mentor - Summer 2021 - Mentored first year students in video production at Kansai Gaidai College.

Engaging Students with Peer Mentoring and Discord - Spring 2021 Researched e-Learning and engaging students via Discord platform. Resulted in 3-4x growth of UTK Japanese department's minor enrollment. Presented at UTK Innovative Teaching and Learning Conference 2021. Resulted in EURECA conference university research awards.

Machine Learning Projects - 2020 - Present - Using ML techniques (TensorFlow, Python, etc) to implement audio synthesization and to predict typing speed via various demographics.

UTK Food Science Data Analysis - 2019 - Developed a tool to assist in collection of chemical analysis of organic samples for a UTK Food Science research project.