RYAN LOUIE

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International performing cellist, aspiring software developer, eager learner, and committed team member, works well with others, adaptive and analytical but also creative, determined worker looking for a development position that will support my continued growth as a software developer

TECHNICAL SKILLS

- Spring Boot, Java, PostgreSQL, HTML, CSS, JavaScript, Vue.js, Responsive Design, IntelliJ, Git, Unit Testing (JUnit), E/R diagrams, Integration Testing, Unix
- DaVinci Resolve: video and sound editing
- Audacity: sound editing

TECHNICAL EXPERIENCE

- **Vending Machine Software -** designed at Tech Elevator using Java to demonstrate the four core principles of object-oriented programming. The vending machine takes input from a user through a personal CLI design. It calculates an input of money, delivers food items, provides the necessary change, and it logs all actions by the user.
- **TEnmo Application** - a Java Spring Boot program designed at Tech Elevator simulating a peer-to-peer online payment service. TEnmo implements a RESTful API server and a CLI.
- **Comic Book Collection Application -** combines Java, PostgreSQL, Spring MVC, JDBC, Vue.js, and the Marvel Comics API to create a user-friendly web app that allows one to collect, organize, and trade comics through public and private collections.

EDUCATION

Tech Elevator, National Live Remote   **September 2022 – December 2022**

Attended a 14-week full-stack coding bootcamp learning how to create dynamic web-based software systems using Java with 800+ hours of lecture and application.

Cleveland Institute of Music, Cleveland, OH   **August 2012 – May 2014**

Master of Music in Cello Performance

Carnegie Mellon University, Pittsburgh, PA   **August 2008 – May 2012**

Bachelor of Fine Arts in Cello Performance

RECENT WORK EXPERIENCE

Midsummer's Music, Green Bay and Door County, WI   **August 2018 – June 2022**

Educator, Advocate, Cellist of the Griffon String Quartet

- Implemented string lesson programs providing affordable string lessons to underserved students from the age of 6 to 60, taught private and group lessons at the Fine Arts Institute, Washington Middle School, YMCA, and St. Norbert College
- Designed program for the aging and the disabled, targeting hundreds of Alzheimer's and Dementia patients using music to stimulate emotions, thoughts, and memory, fostered a community where these individuals could share their experience and connection with music
- Launched the Green Bay Chamber Music Society, raising thousands of dollars to support music education in Green Bay.
- Advocate for world-class string quartet playing in the Midwest, presenting high level performances, masterclasses, and workshops reaching hundreds of students at chamber music residencies at institutions like the University of North Dakota, Kansas State University, and Illinois Wesleyan University.
- Performed 100+ formal concerts and outreach programs a year throughout the Midwest and beyond including Milwaukee, WI, Grand Forks, ND, Caroga Lake, NY, and Lunenburg, Nova Scotia, furthering our quartet name, mission, and program.

St. Norbert College, De Pere, WI   **August 2020 – June 2021**

Adjunct Cello Professor

- Initialized the first cello studio at St. Norbert College, laid the foundations to a string-major program initializing a curriculum dedicated to cello performance.
- Pioneered the inaugural Green Bay String Day, an all inclusive music intensive, invited elementary to college students from the surrounding northeast Wisconsin area to perform in orchestra, coachings, masterclasses, and workshops at a higher level than they were accustomed.