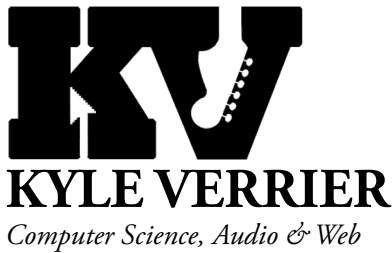


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PORTFOLIO
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ADDRESS
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OBJECTIVE

Work with a software engineering team focusing on **audio/music** and **web** technologies

COMPUTER SKILLS

- » Object oriented: **Java**
- » System: **C & Assembly**
- » Scripting: **Ruby & Python**
- » Web: **Ruby on Rails** along with **HTML, CSS & JavaScript**
- » Functional: **ML**
- » Interactive system prototyping: **Cycling '74 MAX**
- » Editor of choice: **vim**
- » OS: **Mac, UNIX & Windows**

CODE SAMPLES

<http://kverrier.github.com/code.html>

ACTIVITIES

Recording and mixing in the CMU Studio. Playing guitar in jazz ensembles. Collaborating on open source projects. Rowing with the Collegiate Rowing Club.

REFERENCES

References upon request

EDUCATION

Bachelor of Science, **Computer Science** & Minor: Business Administration
Carnegie Mellon University, Pittsburgh, PA
Expected graduation May 2013

EXPERIENCE

Augmented Guitar Performance *Fall 2012 - Present*
Interactive System Developer

Development of interactive software and hardware sensor integration to extend the expressive musical capabilities of the guitar using MAX MSP.

Federation of Laptop Orchestras *Spring 2012*
Audio Streaming Software Engineer

Successful audio streaming for the world's largest spanning international distributed laptop orchestras performance.
Press Release: <http://tinyurl.com/8zzwj95>

The Training Room *Fall 2011 - Present*
Web Developer

Created first of its kind web application offering physical training exercises to improve timing accuracy for fighting game sequences. Users dynamically create move sequences with associated rhythmic timings that can be practiced and shared. Uses Ruby on Rails along with JavaScript for the client-side training engine. GitHub Page: <https://github.com/kverrier/Combo-Trainer>

TubesCreamer *Spring 2011*
Software Developer

Designed and implemented an audio plug-in modeling the TubeScreamer vintage guitar overdrive effect pedal for Audacity using Nyquist.
GitHub Page: <https://github.com/kverrier/TubesCreamer>

VERRIER Boutique *Fall 2010 - Present*
Web Developer

Created ecommerce site verrierboutique.com for family's fashion business.

Manhattan School of Music *Summers 2008-12*
Teaching Staff

Honored at the age of 17 to be welcomed as the youngest employee hired to teach with a group of postgraduate music students for the International Summer Youth Outreach Program.