

Alexander Zywicki

1827 A St. SE Apt B, Washington, D.C. 20003 ♦ (214) 862-8468 ♦ Alexander.Zywicki@gmail.com

Education

Columbia College Chicago — Chicago, IL

Bachelor of Arts, Audio, Arts & Acoustics; May 2015

- ❖ **Fields of Study:** Studio Recording; Software Development and Programming; Digital Signal Processing and Game Engine Design.
- ❖ **Senior Project:** Earned “A” grade on Independent Project, “Digital Signal Generation & Analysis,” which focused on the theory, design and software implementation of real-time band-limited waveform generation using the C++ programming language.
- ❖ **Relevant Coursework:** C++ Programming I & II; Object Oriented Programming; Game Engine Programming; Principles of Digital Signal Processing; Science of Acoustics; Science of Electronics; Physical Computing, Robotics; Physics of Musical Instruments; Art & Code

Experience

Companion Animal Department Leader — Petco Animal Supplies, Chicago, IL, 2014 - 2016

- ❖ Led a team of partners working to provide unbeatable customer service.
- ❖ Found combined product and service based solutions to suit specific customer needs.
- ❖ Ensured partner compliance with loss prevention and safety best practices.

Cashier — Tom Thumb, McKinney, TX, 2010 - 2012

- ❖ Helped promote customer satisfaction by providing quick and accurate service.
- ❖ Provided customers with accurate and up to date information about available products.
- ❖ Monitored and ensured workplace cleanliness standards.

Areas of Interest

- ❖ Music Production
- ❖ Game Production
- ❖ Physical Computing/Robotics
- ❖ Interactive Video Processing
- ❖ Creation of Multimedia Content (games, electronic music)

Technology Summary

- ❖ **Programming/Languages:** C++, C, C#, Python, Ruby, HTML, CSS
- ❖ **Compilers:** GCC, Apple LLVM
- ❖ **Design & IDE Tools:** Apple Xcode, Github Atom
- ❖ **Office Tools:** Pages, Numbers, Keynote, Libre Office, Microsoft Office
- ❖ **Operating Systems:** Mac OS X, Windows 7 & 8, Ubuntu Linux
- ❖ **Other:** Ableton Live 8 & 9, Avid Pro Tools

Volunteer Work

- ❖ Legal Prep Academy Tutor—Chicago, IL
volunteered tutoring high school juniors in preparation for the ACT college entrance exam