

# Emmett Butler

emmett.butler321@gmail.com

emmettbutler.com

610-812-3632

## Qualifications

- Studies computer science and music technology at NYU with a 3.6 GPA
- Self-motivated, creative problem solver and excellent critical thinker - loves to learn
- At home in hardware and software environments, including text-based OSes
- Lifelong pianist with a thorough understanding of music theory and technique
- Experienced in audio production and signal chains in studio and live settings
- Proficient in written and spoken German

## Work Experience

**September 2011 - Present: Software engineering intern, Parse.ly** - develops web software as part of a small, compact team of engineers. Primarily uses Python and Javascript to implement additions, bugfixes, and new features in the Parse.ly software library

**April 2011 - Present: Freelance web designer/developer** - designs and implements web solutions for various clients

**March 2011: Game designer/developer** - designed and programmed a video game in Java. Composed and recorded the background music using LSDJ, and drew all graphics, including sprite animation. Won the prize for Best Undergraduate Presentation at the 2011 NYU Music Technology open house.

**January 2010 – Present: Recording studio technician, NYU Steinhardt** – responsible for the maintenance, testing, and upkeep of recording equipment in the Steinhardt studios. Runs full test routines on digital and analog signal chains, troubleshoots malfunctioning equipment, and provides technical support for students and clients recording in the studios.

**January 2010 – January 2011: Concert recording engineer, NYU Steinhardt** – records audio of Steinhardt student recitals using stereo microphone techniques and produces CDs of the performances.

**August 2008 – 2010: Piano instructor, Sevenletters Studio, Chester Springs, PA** – instructed students between the ages of 5 and 13 beginning and intermediate piano technique, performance, theory, and improvisation.

**2009: Theater audio manager, Downingtown High School drama department** – oversaw the planning, coordination, and execution of sound reinforcement for productions of *Rosencrantz and Guildenstern Are Dead* and *The Pajama Game*.

**2008 – 2009: Broadcast audio technician, Downingtown High School** – oversaw audio for a daily school-wide CCTV broadcast. Provided hardware and software support for teachers and students throughout the school.

## Technical Skills

**Computer programming and markup:** OOP, Java, Perl, C, Python, Ruby/Rails, x86 assembly, Actionscript, PHP, JavaScript/jQuery, XML, XHTML, CSS, BASH

**Operating systems:** Ubuntu, Linux, Mac OS X, Darwin

**Software:** Gimp, Blender, Little Sound DJ, Finale

## Education

**New York University, Class of 2013** – currently enrolled at the Steinhardt School of Culture, Education, and Human Development, majoring in Music Technology, and at the College of Arts and Sciences, majoring in Computer Science. Current GPA: 3.629

**Downingtown High School, East campus, class of 2009** – SAT 2190, GPA: 4.16

- Member of the German American Partnership Program foreign exchange 2008
- National Merit Scholarship finalist
- Excellence in Foreign Language award winner - German
- National Honor Society member

## Community Involvement

**2008: Casas Por Cristo** – volunteered on a week-long mission trip to Juarez, Mexico building small houses for impoverished families

**2007 – 2009: Good Works, Coatesville, PA** – volunteered as a worker repairing the houses of local families with a church group

## References

**Evan Korth** - korth@cs.nyu.edu - NYU computer science professor and mentor

**Langdon Crawford** – langdon@nyu.edu - NYU music technology advisor