**Résumé**

Emmett Butler

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**Qualifications**

* Studying computer science and music technology with a 3.6 GPA
* Self-motivated, fast learning, creative problem solver and excellent critical thinker
* 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**

* **April 2011 – Present: Freelance web designer/developer –** Design and implement web solutions for various clients, using PHP and Ajax and including the development of a custom content management system.
* **March 2011: Spaceratops –** Designed and programmed a 2D 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. <http://emmettbutler.com/gallery.php?filter=games>
* **January 2010 – Present: Recording Studio technician, NYU Steinhardt –** responsible for the maintenance, testing, and upkeep of recording equipment inthe Steinhardt studios. Run full test routines on digital and analog signal chains, troubleshoot malfunctioning equipment, and provide technical support for students and clients recording in the studios.
* **January 2010 – Present: Concert recording engineer, NYU Steinhardt –** record audio of Steinhardt student recitals using stereo microphone techniques,and produce CDs of the performances.
* **September 2010: Freelance live sound technician –** oversaw audio for livemusical performances as a front-of-house mixer
* **August 2008 – 2010: Piano instructor, Sevenletters Studio, Chester Springs, PA –** instruct students between the ages of 5 and 13 beginning andintermediate piano technique, performance, theory, and improvisation.
* **2009: Theater audio technician, Downingtown High School drama department –** oversaw the planning and execution of miking and sound cues forproductions of *Rosencrantz and Guildenstern Are Dead* and *The Pajama Game*.
* **2008 – 2009: Broadcast audio technician, Downingtown High School –** oversaw audio for a daily schoolwide CCTV broadcast. Provided hardware andsoftware 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, XML, XHTML, CSS, BASH
* **Operating systems:** Ubuntu, Linux, Mac OS X, UNIX
* **Software:** Logic, Gimp, Blender, PureData, Little Sound DJ, Pro Tools, Finale

**Education**

* **New York University, Class of 2013 –** currently enrolled at the Steinhardtschool 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, German American Partnership Program foreign exchange 2008 – hosted, and was in turn hosted by a German student in Munich
* 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](mailto:korth@cs.nyu.edu) – NYU Computer science professor and mentor
* **Langdon Crawford –** [langdon@nyu.edu](mailto:langdon@nyu.edu) – NYU Music technology advisor