Sarah Klein

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Education

- ❖ **University of Florida** (2017), *3.88 GPA*
    - Dual Degree in Digital Arts and Sciences Engineering *(College of Engineering)* and Music Theory *(College of the Arts)*
    - Member of UF Symphony, UF Bass Studio, UF Wind Symphony, Ocala Symphony, Fall musical (2012, 2013, 2014), Spring opera (2014, 2015)
    - Webmaster of *Florida Swing Dancing Club* (2013-2015)
    - Bright Futures Scholarship, Wind Band Scholarship, Friends of Music Scholarship
    - Anderson Scholar, 2014
- ❖ **Vivian Gaither High School** (2012), *4.0 GPA*

Past and Present Employment   *(references available upon request)*

- ❖ **Microsoft Developer Intern, Sway Team** (May 2015 to August 2015)
    - ➢ Microsoft Corporation, 15010 NE 36th Street, Redmond, WA
        - ♦ Implemented feature for Sway with other intern, end-to-end, including spec-ing, development, and testing
        - ♦ Gained familiarity with Source Depot, C#, TypeScript, CSS/Less
        - ♦ Participated in product testing for overall Sway product
- ❖ **Grooveshark Front-End Quality Assurance Development Intern** (January 2015 to April 2015)
    - ➢ Grooveshark University, 201 SE 2nd Ave Ste 201, Gainesville, Fl
        - ♦ Gained further proficiency in HTML/ejs, CSS/LESS, JavaScript, Git
        - ♦ Performed bug fixes and implemented features around the website for both deployment and internal flighting
- ❖ **Microsoft Explorer Intern, Sway Team** (May 2014 to August 2014)
    - ➢ Microsoft Corporation, 15010 NE 36th Street, Redmond, WA
        - ♦ Rotated through PM, Dev, and SDET roles throughout summer
        - ♦ Worked regularly with HTML, CSS, JavaScript, and JQuery
        - ♦ Created an App for Office (*Agave*) with 2 other interns that served to help creators of Sway present their information in a more immersive and interactive way
- ❖ **Lab Technician** (currently employed, started Spring, 2013)
    - ➢ University of Florida Music Lab, 435 Newell Drive, Gainesville, FL
        - ♦ Supervised and maintained lab
        - ♦ Assisted lab users with technical difficulties
- ❖ **A/V Services Technician** (Summer, 2013 to Spring 2014)
    - ➢ University of Florida J.W. Reitz Union, 686 Museum Rd, Gainesville, FL

- Used and maintained audio-visual equipment (speakers, cables, projectors, light/sound boards, etc.)
- Interacted regularly and extensively with customers

Skills

- ❖ Computer skills
  - ➢ Language familiarity: *HTML, CSS/Less, JavaScript/TypeScript, JQuery, Java, C++, C#, MIPS, Processing*
  - ➢ Software familiarity (gained through coursework and employment experience): *Audacity, Autodesk Maya, Git, Microsoft Office, Microsoft Visual Studio/TFS, Processing, Source Depot*
- ❖ Music Performance
  - ➢ Classically trained musician with performance experience in most genres, currently performing with: UF Symphony Orchestra, Ocala Symphony Orchestra, various local jazz combos

Projects

- ❖ PseudoComposer
  - ➢ A Java application that composes a small (32-measure) musical composition in the style of J.S. Bach based on a 3-8 note melody supplied by the user. Uses JFugue library for audio manipulation
- ❖ Florida Swing Dancing Club website
  - ➢ Maintained Florida Swing Dancing Club's main website for several years
  - ➢ Created event website for *Sweet Swingouts* workshop, including PHP-based registration system