Lex Slovik

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LinkedIn: linkedin.com/in/lex-slovik | GitHub: github.com/lexslo | Portfolio: lexslo.github.io/portfolio

Engineer of software and sound leveraging a creative background with technical skills to bring unique perspectives to collaborative projects. Recognized as proactive, resourceful, and a persistent problem-solver. Excellent communicator who is detail-oriented, organized, and passionate about learning from and teaching others. Accessible technology experience, including in-depth screen reader compatibility and web accessibility standards. Pursuing a certificate in Web Development from UC Berkeley.

TECHNICAL SKILLS

- Tools and Software: Git, Heroku, Ableton Live, ProTools, JUCE, MaxMSP, Kyma
- Front End: HTML5, CSS, JavaScript, jQuery, C++, Handlebars.js
- CSS Frameworks: Bootstrap, Materialize, Foundation
- Back End: Node.js, Express.js, Jest, MySQL, Sequelize, RESTful APIs

PROJECTS

Delazed | github.com/lexslo/delazed
- Digital Audio Effect: Chorus/Delay Plug-in
- Summary: Emulates the effects of analog tape delay, utilizing digital artifacts to create exciting new soundscapes all in one effect. I developed the effect schematic, designed the user interface, and constructed the plug-in using JUCE.
- Role: Creator, Developer, UI and UX Design
- Tools: C++, JUCE, XCode

Randm | github.com/lexslo/randm
- Web application: Dating app that connects users via random chat
- Summary: No swiping, no pictures, no gimmicks. Users can make connections with the click of a random button. Features real time one-on-one chat threads. I established the GET/POST routes in Express.js and provided support on the front end JavaScript, particularly the random button.
- Role: Backend Developer (Controllers), Frontend JavaScript
- Tools: JavaScript, HTML, CSS, Handlebars.js, MySQL, Sequelize, Express.js, Sockets.io

Koality of Life | github.com/lexslo/koality-of-life
- Web application: Side by side comparison of the quality of life of two cities
- Summary: Users looking to relocate can quickly learn important information about prospective cities in an easy to read two column layout. I was responsible for the HTML, CSS, and local storage. I also contributed to the JavaScript functionality.
- Role: Frontend Developer
- Tools: JavaScript, HTML, CSS, Foundation by Zurb Framework, third party APIs

PROFESSIONAL EXPERIENCE

Lane Community College | Eugene, OR   Oct 2015 - Feb 2022
Lead Administrative and Technology Specialist   *January 2021 - February 2022*
- Provide technology and administrative support and training for 100+ staff, faculty, and students on departmental hardware and software technology to ensure proper use of available tools and resources
- Lead in the maintenance, customization, troubleshooting, data queries and day-to-day operations of departmental databases and information management systems to ensure departmental efficiency
- Create and maintain all department website pages while ensuring compliance with changing WCAG accessibility standards in order to provide equitable access to college resources
- Develop user-friendly applications to organize and streamline processes, procedures, and data collection in order to secure grant funding for future services

Lead Project and Testing Coordinator   *November 2019 - January 2021*
- Spearheaded the development and implementation of user-focused applications that simplified department procedures, forms, reports, data collection and other systems to ensure employee efficiency and enhance student services
- Lead part-time staff in administering tests and educational materials for students with disabilities to provide equitable access to college resources and course materials
- Prepared quarterly data reports, presented findings in team meetings to inform modification in department processes and procedures that increased student and faculty participation in and awareness of disability resources
- Researched, recommended, tested, and installed new software and hardware that vastly improved the college experience of students with disabilities by increasing access to educational materials and new technologies

Assistant Music Lab Coordinator   *October 2015 - November 2019*
- Maintained and serviced music and information technology hardware and software that served 100+ students, staff, and faculty daily
- Responded promptly to the needs of facility users by troubleshooting Digital Audio Workstations, IT workstations, audio listening stations, network access, analog and digital signal flow, and a variety of specialized hardware and software related to audio engineering, music production, and educational advancement
- Established and maintained Mac OS X Servers, student accounts, and cloned and separated fusion drives to secure college technology and provide students with non-destructive options for storing files

EDUCATION

University of California, Berkeley | Berkeley, CA
Certificate in Full Stack Web Development
University of Oregon | Eugene, OR
Bachelor of Science, Music Technology, Summa Cum Laude

AWARDS/ACHIEVEMENTS

University of Oregon   Outstanding Achievement in Music Technology