

Lex Slovik

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LinkedIn: [linkedin.com/in/lex-slovik](https://www.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. Recent recipient of Certificate in Full Stack Web Development from UC Berkeley.

TECHNICAL SKILLS

- Tools and Software: Git, Heroku, Ableton Live, ProTools, JUCE, MaxMSP, Kyma
- Front End: JavaScript, React, HTML5, CSS, jQuery, C++, Handlebars.js
- Back End: Node.js, Express, Jest, MySQL/Sequelize, REST APIs, MongoDB/Mongoose, GraphQL, Apollo
- Authentication/Payments: bcrypt, JSON web token, Stripe
- CSS Frameworks: Bootstrap, Materialize, Foundation

PROJECTS

Happy Harvesters | github.com/lexslo/happy-harvesters

- Web application: Browser based game
- Summary: Folks of all ages can start their own apple orchard right at home on their device. Users plant trees in their orchard, harvest, then sell apples to make money. Users can also purchase upgrades like juicers, mashers, and ovens in order to sell higher priced items and move up the leaderboard. I was responsible for setting up the server, database, implementing a GraphQL API with an Apollo server, and establishing user authentication with JSON web tokens.
- Role: Backend Developer
- Tools: JavaScript, React, CSS, Node.js, Express.js, MongoDB, Mongoose, Apollo, GraphQL, JWT

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 with the random button.
- Role: Backend Developer (Controllers), Frontend JavaScript
- Tools: JavaScript, HTML, CSS, Handlebars.js, MySQL, Sequelize, Express.js, Sockets.io

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

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