

(541) 760-3714
Corvallis, OR
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Bradly Landucci

Software Developer

Github.com/BradlyLanducci

Junior Developer interested in obtaining a position doing research or making an impact developing innovative and effective software.

SKILLS

Tools and Languages	C, C++, \LaTeX , Python, Git, Linux, Bash
Soft Skills	Communication, Problem-Solving, Creative, Teamwork, Initiative, and Organization

PROJECTS

Korg Logue SDK - Effects	Winter 2022 - Present
<ul style="list-style-type: none">Creating various DSP algorithms that can be ported into the various supported Korg hardware synthesizers.	
Soundbendor Lab - Synthetic Instrument Generation	Fall 2022 - Present
<ul style="list-style-type: none">Using a genetic algorithm to drive decision based learning.Working in a team to develop usable software.Creating documentation for new features.	
Surge Synthesizer - Open Source	Fall 2022
<ul style="list-style-type: none">Aiding in GitHub issues to help create more robust software.Working with other community members to develop code standards.Creating documentation for new features.	
Developing a Delay Plugin	Summer 2022
<ul style="list-style-type: none">Writing my own DSP algorithms to create various time-based effects.Using the JUCE framework to create an effective GUI designed for usability, compatibility and efficiency.Developing and hosting a website in order to distribute this to users.	
Developing and implementing my own Linux Shell	Fall 2021
<ul style="list-style-type: none">Implemented a command line interface that parses users input.Added built in functions and also allowing the user to execute built in Linux commands within the shell.Modified UNIX signals and system calls.	

EMPLOYMENT

Video Production	November 2021 — Present
<i>Oregon State Productions</i>	<i>Corvallis, OR</i>
<ul style="list-style-type: none">Producing, shooting and filming videos for clients helping them achieve their creative vision.Managing a workflow to release products to clients for important deadlines.Assisting and advising new hires in learning company workflow.	
Network Technician	September 2019 — March 2022
<i>AG Security and Control</i>	<i>Albany, OR</i>
<ul style="list-style-type: none">Worked hands on with customers to troubleshoot system issues.Installed various networking hardware components.Setup ISP routers, port forwarding, VPN services, and cloud cameras.	

EDUCATION

Bachelors of Science in Computer Science, Oregon state University	Sep 2021 — Jun 2023
Bachelors of Science in Computer Science, Linn-Benton Community College	Sep 2019 — Jun 2021
Audio Engineering, Conservatory of Recording Arts & Sciences	Oct 2017 — Oct 2018

REFERENCES

Daniel Cespedes - Lead - Oregon State Productions - (541) 760-0201

Patrick Donnelly - Head of Soundbendor Lab - (541) 706-2071