



Ryan A Farrell (He/Him) · 3rd
 Co-Founder at ZestBloom, Inc.
 Talks about #rfts, #algorand, #blockchain, #digitalmedia, and #cloudcomputing
 Morrisville, Vermont, United States · [Contact info](#)
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Experience

Co-Founder
 ZestBloom, Inc. · Full-time
 Mar 2021 – Present · 8 mos
 Managed a team to design and implement full stack application and cloud for ZestBloom.io, including Algorand TEAL smart contract development and automated testing. Business development, fundraising and marketing.

Senior Software QA Engineer
 Dolby Laboratories · Contract
 Mar 2021 – Sep 2021 · 7 mos
 United States
 Designed and implemented of automated Spatial Audio tests within Video Game environments; including developing CI workflows and complex multi-channel audio analysis techniques.

Algorithm Test Engineer
 Selux Diagnostics, Inc · Contract
 Sep 2020 – Apr 2021 · 8 mos
 Developed PyTest project automating validation of components in a Machine Learning data pipeline; ideating and implementing test cases against SQL databases and data transformation software modules.

Cloud Operations Engineer
 Canonical Ltd.
 Apr 2019 – Sep 2020 · 1 yr 6 mos
 Vermont
 Full stack - Kernel to UI Administration of Openstack & Kubernetes clouds, powered by Ubuntu Linux. * Provisioning metal for cloud service from the ground up, with MAAS, & deploying cloud applications via Juju/charms for Pythonic automated cloud configuration. * Engaging with a global team in rapid incident response & debugging complex prob...[see more](#)

kubernetes Production-Grade Container... **Managed OpenStack on Ubuntu | OpenStack | ...**

Linux Python Developer
 Logic Supply · Full-time
 Apr 2018 – Apr 2019 · 1 yr 1 mo
 Burlington, Vermont Area
 Development and maintenance of a complex production automation system leveraging custom Python test suite and embedded Linux environment created within the Yocto Project to ensure that a broad hardware is supported, built to spec, and reliable.

Show 5 more experiences

Education

UC Irvine
 B.S. Electrical Engineering
 2003 – 2007
 Activities and Societies: Varsity Rowing
 Courses:
 Senior Design: Optical Radio Design and Construction
 Advanced Optical Electronics
 Electronics (I, II, and III), Continuous Time & Discrete Time Signals and Systems,
 Engineering Probability
 Modern Physics, Classical Physics, Chemistry
 Differential Equations, Multivariable Calculus, Calculus, Infinite Series & Linear Algebra
 Basic C Programming

Licenses & certifications

Perceptual Audio Coding
 Stanford University; Center for Computer Research in Music and Acoustics
 Issued Jun 2016 · No Expiration Date
 See credential

ISTQB Foundation
 ISTQB - International Software Testing Qualifications Board
 Issued Feb 2016 · No Expiration Date

CKA. Certified Kubernetes Administrator
 The Linux Foundation
 Issued Jul 2020 · Expires Jul 2023
 See credential

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