John Isom

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💼 Professional Experience

Co-Creator, Software Engineer, *Maestro*   May 2020 – present

Open-source easy-to-use framework for quickly bootstrapping, deploying, and rapidly iterating serverless orchestration (hence the name) workflows with AWS IAM, AWS Lambda, and AWS Step Functions.

- Conducted heavy research in the realm of serverless orchestration to determine gaps in the field.
- Collaborated closely with 2 other remote engineers, adhering to Agile best practices.
- Leveraged asynchronous Node.js® execution to improve deployment and teardown time to be blazing fast.
- Created a framework that is over 6000% faster to deploy than the fastest competitor (AWS SAM).
- Built a robust and easy-to-use CLI that abstracts away complex deployment logic.
- Co-authored a detailed case study (maestro-framework.github.io).

Full-Stack Developer, *Self-Employed*   Jul 2019 – present

- Reaction: A Trello-like organization board built with React, Redux, and Rails.
- Just Postit: A Reddit-like social app built with Bootstrap and Rails.
- The Time Manager: A time-tracking application that helps to track study/work time, built with OOP-designed Ruby and the Sinatra framework.

🧠 Languages and Technologies

Languages
- *JavaScript (ES5 & ES6+)*
- *SQL*
- *Python*
- *Ruby*
- *HTML5 & CSS3*

Frameworks
- *Rails*
- *Sinatra*
- *React.js & Redux*
- *jQuery*
- *Handlebars.js*

Cloud
- *AWS IAM*
- *AWS Lambda*
- *AWS Step Functions*
- *Heroku*

Other
- *Git & GitHub*
- *GNU/Linux (advanced)*
- *HTTP & REST*
- *OOP*

🎓 Education

Launch School, *Software Engineering*   Aug 2019 – May 2020

On online school for software engineers with a focus on Mastery-Based Learning pedagogy. launchschool.com/employers ⬈
- Achieved straight A's and A+'s in all rigorous assessments

Lone Peak High School, *General Education*   Aug 2017 – May 2019

- Graduated from competitive high school with 3.72 GPA in May 2019
- Test scores:
  - ACT: 35 composite (upper 99th percentile)
  - AP Physics C Mechanics: 5; AP Calculus BC: 5; AP Music Theory: 5; AP Chemistry: 4; AP Lang: 4

🎖 Additional Experience and Awards

Drum Major, *Lone Peak High School Marching Band*   Apr 2018 – Nov 2018

I served as the drum major, the highest level of student leadership, for the Lone Peak High School Marching Band, an award-winning group. Under my leadership, we pushed forward, undertook new and creative experiences, and won the title of state champion.

Loius Armstrong Jazz Award   May 2019

Awarded to one high school senior "in recognition of outstanding achievements […] superior musicianship, character, and individual creativity…"