New York City NY
Salt Lake City UT

JOHN A. ISOM

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johnisom.dev

PROFESSIONAL EXPERIENCE

Co-Creator,
Software Engineer

Maestro (website)
Framework for Serverless Orchestration   **May 2020 - present**

- **Stack:** AWS IAM, AWS Lambda, AWS Step functions, Node.js®, AWS SDK
- Open-source easy-to-use framework for quickly bootstrapping, deploying, and rapidly iterating serverless orchestration (hence the name) workflows.
- 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 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**   **July 2019 – present**

- **Reaction:** Trello-like organization board (reaction-20-05.herokuapp.com)
  - ◆ **Stack:** React.js, Redux, Rails
- **Just Postit:** Reddit-like social app (just-postit.herokuapp.com)
  - ◆ **Stack:** Rails, Bootstrap
- **The Time Manager:** Track and intelligently view your productive hours (the-time-manager.herokuapp.com)
  - ◆ **Stack:** Sinatra, OOP Ruby

EDUCATION

Software Engineering
Remote, Self-Paced   **Launch School**   **Aug. 2019 – May 2020**

- Mastered the Ruby, SQL, and JavaScript programming languages.
- Developed a love for writing clean, scalable, and efficient code.
- Achieved straight A's and A+'s in all rigorous assessments.

General Education   **AP and ACT exams**

- **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 (April 2018 – November 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.
- **Louis Armstrong Jazz Award (May 2019):** Awarded to one high school senior "in recognition of outstanding achievements […] superior musicianship, character, and individual creativity…"

Languages and Technologies

- Ruby; JavaScript (ES5 & ES6); Python; SQL; HTML5; CSS3
- Rails; Sinatra; React.js; Redux; jQuery; Handlebars.js
- Git; GNU/Linux; HTTP; Rest; OOP; Heroku
- AWS IAM; AWS Lambda; AWS Step Functions