

Will Lotherington

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📁 PROFESSIONAL EXPERIENCE

Co-Creator & Software Engineer, *Capstone* 📁

Jan 2021 – present | Chicago, IL

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

- Leveraged asynchronous Node.js® execution to improve deployment and teardown time to be lightning fast.
- Created a framework that is over 60x faster to deploy than the fastest competitor (AWS SAM).
- Built a robust and easy-to-use CLI that abstracts away complex deployment logic, available as an npm package.

Full-Stack Developer, *Self-Employed*

Sep 2020 – present | Chicago, IL

Developed open source web apps using Ruby, Rails, JavaScript, Node, React, jQuery, HTML, CSS, and SQL.

- Ruby Reps 📁 - Executable spaced repetition flashcards built with Ruby, JavaScript, jQuery, Sinatra, and PostgreSQL.
- Postit 📁 - A Reddit-like social app built with Bootstrap, Rails, and PostgreSQL.

Keyence Corporation of America 📁

Strategic Marketing Analyst

Mar 2017 – Aug 2020 | Chicago, IL

- Developed Tableau report viewer tool used by 1.1K employees. Generated over 27K uses within the first 3 months.
- Built JavaScript price estimator tool used by over 100 salespeople per week. The tool led to an estimated 1.3% increase in sales line profit and a 5.8% decrease in returns by reducing configuration errors and over discounting.
- Designed first non-Japanese affiliate product landing page 📁 which increased conversion by 11.3%, reduced bounce rate by 3.7%, and was translated and deployed by 4 other country affiliates.
- Received the most prestigious marketing award, Outstanding Contribution, for "my contribution to the direct sales effort through outstanding performance, hard work and professionalism."

Application Development Engineer

Jun 2016 – Feb 2017 | Laguna Hills, CA

- Worked with large accounts to develop computer vision solutions that leveraged our 1D, 2D, and 3D cameras.
- Created a project management tool using Excel VBA which was adopted by all 12 members of the App. Dev. Team.

Sales Engineer

Jun 2014 – May 2016 | Los Angeles, CA

- Won best product demonstration contest. The recording was used to train all new employees for the next 2 years.

🧠 LANGUAGES AND TECHNOLOGIES

Languages

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

Frameworks

- React.js + Redux
- Rails
- Sinatra
- jQuery
- Handlebars.js

Other

- Heroku
- Git & GitHub
- HTTP
- OOP

🎓 EDUCATION

Launch School, *Software Development, Achieved straight A's*

2018 – 2021

Rigorous online school for software engineers with a Mastery-Based Learning pedagogy. launchschool.com/Employers 📁

University of California, San Diego, *Visual Arts, Major GPA 3.54*

2008 – 2013