Aaron **Strick**

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SKILLS

JavaScript • Elm • Typescript • Ruby on Rails • Node • Functional Programming • emacs-lisp
React • Redux • THREE.js • AWS • Linux • git • SQL • TDD • Agile

EXPERIENCE

Fictiv • *Senior Frontend Engineer* • *February 2019 - present*
*Worked alongside the Computational Geometry building infrastructure (**AWS**) and integrating their work into the core Fictiv product (**React / GraphQL / Node**)*
• Built asynchronous infrastructure (**lambda**) and wrote rendering logic (**THREE.js**) for the automatic generation of manufacturing drawings.
• Hosted a weekly **Elm** workshop for the engineering team (upleveling everyone's understanding of types).

Recurse Center • *September 2018 - December 2018*
Active in a 12 week programming community focused on becoming a radically better programmer.
• Wrote firmware (**C++**), interface (**JS**) & 3D simulation (**THREE.js**) for LED art installation. • github • live
• Designed & Fabricated (**KiCAD**) a PCB Christmas ornament for distribution. • github

NoRedInk • *January 2015 - August 2018*
In almost 4 years, helped build a company from 10 people to over 65, throughout which I transitioned from an Individual Contributor to a full time Manager and Team Lead.

• *Engineering Manager* • *August 2017 - August 2018*
• Developed rigorous interview process resulting in more than a dozen hires with 0 false positives.
• Designed and implemented service for building dynamic **ActiveRecord** models in **Rails** & **MySQL** based on timezones, preventing the need for routine manual data migrations.
• Worked hand in hand with Sales, Customer Success, and Support teams using **Agile** methodologies to plan and build out new features, notably achieving a 20% reduction in support requests.

• *Software Engineer* • *January 2015 - August 2017*
• Migrated **React** codebase to **Elm** to support a seamless adoption of the new technology.
• Built end to end features in **Elm,** and **Ruby on Rails** supporting and allowing students to answer billions of questions on our site.
• Led integrations with external learning management system **API** allowing customer success team to lead thousands of trainings digitally.

SpotOn Parking • Technical Operations • *2013 - 2014*

Kindergarten Teacher • *Dayelin Kids School, South Korea* • *2012 - 2013*

Laptop Program Coordinator | OLPC • *Newburyport / Bura Alliance, Kenya* • *2011*

EDUCATION

Web Development • *App Academy* • *Fall 2014*
• Immersive software development course with focus on web development and OO programming.

B.A. Linguistics • *Boston University* • *2011*
• Received department grant for endangered language preservation work in Kenya.
• GPA 3.35 (3.60 In Major) • Dean's List 5/8 Semesters

PROJECTS

Tech Editor for Otherwheres Magazine (Elm) • link
Built online presence & used machine learning to generate sentences for special edition.

Strickly Couture (THREE.js • Redux) • link
Built interactive 3D web experience for showing off some of my friends' favorite outfits.