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# Andrew Krawchyk

Washington, D.C. — [akrawchyk@gmail.com](mailto:akrawchyk@gmail.com)

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## TECH

- Current: Ruby, Rails, JavaScript, Vue, AngularJS, Kafka
- Past: Python, Django, Node.js, Express, React, Heroku, AWS (API Gateway, CloudFront, DynamoDB, Lambda, S3)
- Tinkering: Nim, TypeScript, Firebase, Netlify

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## EXPERIENCE

Optoro

2017–present

*Senior Web Developer*

- Delivering successful enterprise solutions on cross-functional agile teams.
  - Define, design, and build core product features for clients including Best Buy, Under Armour, Target, and Lowes.
  - Build data-intensive and API driven applications in a service oriented architecture.
  - Automated [BULO.com](#) auctions saving 8+ hours per week of manual curating.
  - Improved UX by reducing response times for Stock Transfer tool from 20+ seconds to under 3 seconds by restructuring the API.
  - Reduced warehouse receiving costs ~40% per unit by introducing mass receiving and template receiving.
  - Reduced warehouse processing costs by implementing Exceptions Research tool.
- Leading the direction for cross-team front end architecture.
  - Growing adoption of the Vue JS framework by leading knowledge sharing meetings for collaborative learning.
  - Improved cross-project consistency by implementing default organizational best practices for all applications.
  - Reduced front end architecture and build system complexity by migrating to NPM.
- Mentoring summer developers (x2).

- Working with interns throughout the summer to ramp up their skills to become self-reliant and independent contributors.
- Influencing the direction of the mentorship program in the Tech Mentors committee.

## iStrategyLabs

2014-2017

### *Senior Web Developer*

- Led a team of front end developers including code reviews, mentoring, and technical direction for projects and tooling.
- Interfaced with client stakeholders to determine requirements, estimates, and priorities for tasks.
- Wrote code and consulted for client Django and JS projects, collaborated with UX designers to build features.
- Worked with directors to screen candidates and interview and hire new teammates.
- Notable projects: Volkswagen Rival Road game ([Phaser.io](http://Phaser.io)), Luden's Beatbox (React, Webpack), [ServiceYear.org](http://ServiceYear.org) (Django, Backbone), P.A.W. dog tracker (Raspberry Pi w/BTLE, Node.js, Redis), [FOSI.org](http://FOSI.org) (Django).

## General Assembly

2014-2016

### *Front End Web Development (FEWD) Instructor*

- Lead instructor for FEWD 5 & 18, taught web development basics in HTML, CSS, and JS.
- Professional JavaScript workshop instructor, taught applied JS with jQuery and AngularJS.
- TA for FEWD 17, met with students outside of class for tutoring and mentoring.

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### **EXTRAS**

- Vue Conf 2019 speaker — [watch the talk](#)
- AddThis web performance webinar — [watch the presentation](#)
- CodePen DC: Web Audio: Basics to Beats — [slides](#)
- Refresh DC: Performance and the Pursuit of Butter — [slides](#)

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### **EDUCATION**

## Denison University

2007-2011

- B.S., Computer Science