

# Steven G. Harms

## Curriculum, Code, and Leadership

New York City  
(415) 269 4229  
sgharms@stevengharm.com  
📧 <https://stevengharm.com>  
GitHub: @sgharms

Teaching the eternal craft of programming through innovative experiences

2017-12 – **Sr. Manager, Academics (Software Engineering)**, Flatiron School, New York.

- Present
- Built curriculum-development team; built maintenance function, unlocked new revenue opportunities
  - Built and managed a team of 5 writers (3 senior, 2 junior); performed ongoing feedback, mentoring, guidance
  - Built workflow management pipeline (Airtable) permitting estimation of product release timeline, staff scheduling, and tracked contributed assets; this was used as template in new disciplines Data Science, UI / UX
  - Designed specification for refactoring monolithic, non-modular curriculum into composable modules; operationalized standards and conversion process with staff
  - Leveraged module-based design to win new revenue opportunities in universities (UCI, Yale) and B2B as turn-key curriculum provider
  - Reduced legacy operational bugs by 60%; trending to 0 by 2019Q4
  - Acquired and integrated team designing lesson plans thus owning both "textbook" and "lesson plan" maintenance and validation
  - Augmented engineering systems with numerous data processing, ops management, and team efficiency tools in Ruby, Python, JavaScript and Golang

2015-10 – **Sr. Director of Curriculum**, DevBootcamp, New York.

- 2017-08
- Oversaw, created, and assessed success of materials in preparing students for technical careers
  - Established a global, standardized curriculum compliant with branding and legal obligations across six schools in multiple states; designed authoring pipeline to create it
  - Created software framework for documenting interrelation of learning objectives, instructional materials, and assessments (Ruby)

2014-01 – **Teacher, Lead Teacher**, DevBootcamp, San Francisco then New York.

- 2015-10
- Lectured, inspired, and mentored aspiring full-stack developers during rapid growth of student body
  - Taught Full-Stack Web Development Program with outstanding teacher scores, contributed curriculum
  - Relocated to NYC as lead teacher; added team- and schedule-management, teacher mentorship to responsibilities

2012-03 – **Full-Stack Software Developer**, shopittome.com, San Francisco.

- 2014-01
- Maintained and extended Rails, e-mail, and web-scraping-based product
  - Designed new JavaScript SPA interface using pre-1.0 Ember.JS driven by A/B testing

2000-06 – **Multiple Roles, Sr. IT Engineer**, Cisco Inc., San Jose.

- 2011-10
- Scaled employee productivity with systems admin and software development

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## Education

1995 – 2000 **Mgmt. Information Systems (BBA), Philosophy (BA)** , University of Texas, Austin, TX.

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## Technologies

**Advanced**, Ruby, JavaScript, git, JavaScript frameworks, vim, tmux, Hugo.

**Proficient**, Rails, ReactJS, SQL, Unix Sysadmin, CSS, Redux, jQuery-.

**General Concepts**, Microservices, APIs, A/B Testing, Product Management, Written and Verbal Communication.