

Ryan C Smith

ryancharlessmith.com | [linkedin.com/in/rycsmith](https://www.linkedin.com/in/rycsmith)

TECHNICAL EXPERIENCE

- Dynamic software engineer with expertise in android development, backend development and scalable web applications.
- 5+ years experience writing production Java code.
- Other areas of expertise include JS, C++, Spring, Django, Solr, SQL/MySQL and application testing.

PROFESSIONAL EXPERIENCE

Google

Software Engineer L4

New York, New York

November 2019 - Present

Software Engineer L3

September 2018 - November 2019

- SWE on the Docs and Slides Mobile Team working in the Docs, Slides and Drive Android apps.
- Designed and implemented PDF form filling in the Drive Android app. Contributed to the open source Pdfium project to expand the public APIs to support mobile development.
- Brought Smart Compose to Docs Android. Provides inline text suggestions while composing documents.
- Made significant contributions to the redesigned Drive Android sharing experience. Most notably, designed the new sharing confirmations.

1stdibs.com

Senior Java Software Engineer

New York, New York

March 2018 - August 2018

Java Software Engineer

May 2016 - March 2018

- Backend Engineer for online marketplace selling >\$250m of inventory in >140 countries annually.
- Designed and implemented web service for internationalization, featuring API to accept and manage translation requests using both realtime and human vendors.
- Created utilities for performing inventory search pagination, improving response time at the 10th page by >600%.
- Developed auto-publish pipeline for releasing new inventory onto the site. Implemented admin rollback tool to reverse release process which was later adopted for testing use by QA and Automation teams.
- Designed unit and integration testing strategy for previously untested backend services. Created testing tools including a database manager to efficiently preserve, set and restore database state for unit testing and domain-specific junit class runners.

Homfield.com

Co-Founder and Software Engineer

Philadelphia, PA

September 2015 - December 2016

- Homfield.com was a [website to discover and book](#) new and inspiring event spaces.
- Designed, implemented, deployed and supported all technical features of the Homfield.com service.

EDUCATION

University of Pennsylvania

Master of Computer and Information Technology

Philadelphia, PA

May, 2016

- 3.78 cumulative GPA.
- Courses: Computer Architecture, Algorithms and Theory, Web and Distributed Systems, Databases, Software Engineering and Testing, and more.

Central Connecticut State University

BA, Spanish with a minor in Latin American Studies

New Britain, CT

May, 2010

- Cum Laude. 3.52 cumulative GPA.
- Participated in two study abroad programs. León, Spain, 1 year. Florianópolis, Brazil, 6 months.
- Recipient of monthly scholarship for translations done on behalf of University of State of Santa Catarina.

VOLUNTEERING AND ADDITIONAL SKILLS

- Fluent Spanish, some Portuguese
- Google Software Product Sprint, Spring 2020 - Interview Mentor.
 - Conducted collaborative and formal interviews with college students with goal of providing practical experience and increasing interview process comfort level.
 - Enrolled to volunteer again for the Spring 2021 season.