

Ryan Morrissey

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WORK EXPERIENCE

StudentUniverse - Full Stack Software Engineer

July 2022 - August 2024

Boston, MA

- Designed and implemented an internal tool to allow our agents to create their own static web pages, letting us offer more programs to customers without needing database work from developers.
- Overhauled our outdated Hotel map display to take advantage of clustering, allowing for hundreds of properties to display instantly while remaining easy to read and use.
- Revamped our property filtering to take advantage of server-side sorting, lowering initial load times as much as 75-90% as we no longer needed the entirety of the data from the start.
- Developed a front end sorting system using generic and reusable components, making it easier to sync with our mobile app while allowing additional controls through configuration support.
- Optimized some of our oldest legacy code to take advantage of more modern practices, resulting in pages that used to take minutes to display, to instead load instantly and update seamlessly.

Globalspec - Associate Software Engineer

March 2020 - July 2022

Albany, NY

- Implemented numerous mock services for use with dependency injection, noticeably decreasing how long it took to run our E2E test suite by keeping data consistent and speedy.
- Consolidated numerous modules to instead use the same generic components, resulting in more consistent testing and styling throughout the site.
- Collaborated with our Director of Audience Development to keep our subscription and registration flow GDPR compliant.
- Automated large parts of our manual staging work with safe to run scripts, so that what once took 16 hours of constant dev attention to only take a quarter of the time with plenty of safety fallbacks.

Abiomed - Software Engineer Intern (Cloud)

July 2018 - May 2019

Danvers, MA

- Wrote over 200 selenium E2E tests with a focus on cross platform, going as far back as supporting IE9 (2011).
- Led the localization effort for our site, from picking the appropriate tools to fully implementing both the front and backend portion of the work.

SKILLS

Programming Languages: Java, Kotlin, Groovy, Javascript, Typescript, C#, Python, SQL

Development Tools: Microsoft Azure, AWS, Git, Docker, Jenkins, JIRA

Software Tools / Technologies: Spring, Angular, AngularJs, Node, REST/API Development

Industry Knowledge: Full-Stack Web Development, Agile Development, Kanban, CI/CD

EDUCATION:

Rochester Institute of Technology

Bachelor of Science in Computer Science

Rochester, NY

Graduated December 2019