
Aislinn Cronin

Location: New York, NY

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RELEVANT EXPERIENCE

Medidata Solutions - New York, NY

May 2018-Present

Software Engineer, Applications

- Develops and maintains high performing, scalable and reliable RESTful APIs consumed by internal integrators and external customers built with Ruby on Rails, MySQL database and multiple AWS solutions
- Investigates and diagnoses production issues across many services and levels of the stack to provide robust solutions in a timely manner
- Applies the use of automated tests, continuous integration and code review while staying up to date with the latest technologies and best practices to ensure the best quality of code and application
- Worked on the department's performance and scalability initiative to implement improvements in response times of up to 80% for many of the most problematic routes

PERSONAL PROJECTS

Sharebnb — (*Rails, Javascript, PostgreSQL, React, Redux*) | [Live](#) · [GitHub](#)

A full-stack, single-page application for booking short-term accommodation inspired by Airbnb

- Stores images in the cloud using AWS S3 to improve scalability and reduce load time
- Integrates Google Maps API for seamless geolocation based searching of homes
- Implements model-level custom validations to enforce realistic bookings of homes

AlgoVisuo — (*JavaScript, D3, HTML/CSS*) | [Live](#) · [GitHub](#)

A project using visual representations of algorithms to promote deeper understanding

- Integrates D3 transitions to produce animated visualizations of the algorithms' steps
- Displays visualizations of multiple sampling algorithms including simple random, Mitchell's best candidate, and Poisson Disc
- Features a machine learning k-nearest-neighbor algorithm and accompanying visualization

SKILLS

Ruby	AWS	RSpec	Rails	jQuery	React
SQL	Javascript	Git/Github	HTML/CSS	D3	Redux

EDUCATION

Georgia Institute of Technology, New York, NY - *Master of Science, Computer Science*

AUGUST 2019 - PRESENT

App Academy, New York, NY

JANUARY 2018 - APRIL 2018

Topics: TDD, scalability, algorithms, data structures, OOP, coding style, REST, security and best practices

Binghamton University, Binghamton, NY - *Bachelor of Science, Chemistry, Nursing*

AUGUST 2011 - MAY 2016

Honors: Dean's list Spring & Fall 2014, Spring & Fall 2015, Spring 2016, Sigma Theta Tau International Honors Society



Portfolio



GitHub



LinkedIn