

SEAN YU

Software Engineer

● [GITHUB](#): github.com/imseanyu
● [LINKEDIN](#): linkedin.com/in/seanyu925
● [WEBSITE](#): seanyu.io

● **E-mail**: seanyu925@gmail.com
● **Phone**: (201) 696-1657
● **Home**: New York, NY

PROJECTS

Crossfade (React.js, Redux, Rails) [LIVE](#) | [GITHUB](#)

A single page full-stack music-sharing application

- Implement seamless song playback with custom audio player component while navigating the website
- Optimize song/image file fetch/post/update/delete speed by utilizing AWS S3 with Rails back-end

TypeDefenseForce (JavaScript) [LIVE](#) | [GITHUB](#)

A browser typing game written mostly in vanilla JavaScript, with jQuery

- Incorporate HTML5 Canvas element to animate sprites
- Utilize Google's Firebase Real-time Database to update and display high scores

DOMToretto (JavaScript API) [LIVE](#) | [GITHUB](#)

A JavaScript library inspired by jQuery

- Features an easy-to-use API whose features include traversing/manipulating DOM elements, adding/removing event handlers, making Ajax requests

SKILLS

Ruby	Rails	JavaScript	React.js	Redux	jQuery
HTML	CSS	PostgreSQL	AJAX	AWS	Git

EDUCATION

App Academy | New York, NY 2018

- Rigorous full-stack software engineering curriculum with <3% acceptance rate
- Languages and Frameworks covered, including but not limited to: *Ruby, Ruby on Rails, JavaScript, React.js, Redux, jQuery*
- Emphasis on code quality, TDD, pair programming, and algorithms

Rutgers University | School of Engineering (New Brunswick) 2016

- *Bachelor of Science, Applied Sciences Engineering*
- Course Highlights: *Data Structures, Discrete Structures, Differential Equations, Multivariable Calculus, Advanced Calculus for Engineering (Laplace, Fourier, etc), Statistics for Business*

EXPERIENCE

Bergen County Clerk's Office | Elections Division 2014 - 2016

- Enforced election statutes of the State of NJ and provided voter and candidate assistance in the election process.
- Assisted the County Clerk identify target municipalities for voter-awareness campaigning through analysis of voting-statistics, utilizing Excel VBA programs/macros

Samsung Electronics America | Product Support Engineer 2012 - 2014

- Performed Home Appliances repair data monitoring, and repair-technician training through data analysis by creating and utilizing Excel VBA macros.
- MySQL queries into Samsung's inhouse Qings/SAP databases to fetch data and report any patterns and/or anomalies post-analysis.
- Contributed to the reduction of YTD Re-Repair rates of washer/dryer models from 7.25%+ to below 5% through data analysis and action items (Dec 2014).