

Andrew H. Jia

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New York, NY

[Portfolio](#)

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Skills

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS, Google Maps API, SASS

Projects

PicShredder | HTML5 , Canvas API , JavaScript , CSS3 , Webpack

[live site](#) | [github](#)

Javascript Project, visualize sorting algorithms

- Applied canvas API to split a picture in random order, stored all segments into an array, implemented different sorting algorithms to restore the picture with animation
- Adopted localStorage from the Web Storage API, created a custom cursor and sound effect to improve UI/UX

IdeaBooster | JavaScript , React / Redux , Ruby on Rails , HTML5, PostgreSQL , CSS3 , AWS

[live site](#) | [github](#)

Full Stack Project, the Kickstarter clone

- Encrypted password digests and ensured valid accounts by employing ActiveRecord validations with Rails in order to prevent plain-text form of passwords and also to achieve data security
- Connected Rails backend to AWS S3 to host all project images in order to reduce page load and improve server performance, ensuring content security with AWS IAM
- Used AJAX request in the frontend to RESTful APIs to achieve project CRUD data manipulation through the backend server which greatly improved the request data performance
- Built a dynamic search function to classify data either by its title name or its category

Save The Date | React/Redux , CSS3, Google Maps API, Express.js, Mongoose, MongoDB

[live site](#) | [github](#)

MERN Stack Project, an App to make a date schedule easily

- Collaborated with a team of 4 and followed a smooth Git workflow guideline to make a comfortable remote development environment, resolved all git conflicts with good communications
- Generated a verification hash code using JWT that allowed users to access routes with the permitted token
- Deployed Google Maps API and linked all backend data to mongoDB, built a function to dynamically filter all events rendering on the maps, used React framework to achieve CRUD data manipulation

Experience

Medical Assistant & Administrative Assistant & Medical Billing Analyst | February 2013 - March 2020

George P.H. Young, M.D., F.A.C.S., P.C. | New York, NY

- Developed computer skill in Medisoft EHR system, developed professional skills to assist with Cystoscopy study, VideoUrodynamic study, and Uroflowmetry study
- Lead a team of 3-5 people each day, supervise office daily tasks, improving employee's professional skills, resolving any problems from employees and patients
- Code provided services using ICD10 CPT billing formularies, supervise all steps to reduce billing mistakes
- Analyze medical aging reports every 3 months, collect missed payments from past old accounts, result in at least 3% growth in revenue

Education

App Academy | March 2020 | New York, NY

Immersive software development course with focus on full stack web development

The City College of New York | Fall 2018 | New York, NY

BA of Chemical Engineering