

# Katie (Yuchen) Hang

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## PROJECTS

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**ResTable** | New York Ruby on Rails, React, Redux, JavaScript, HTML5, CSS3, PostgreSQL, Amazon S3, Webpack **Live | Github**

A full-stack, single-page web application where users can search restaurants and make reservations

- Utilized AWS S3 to populate images upload on the app website to relieve the server load and enabling for scalable image services and increasing the restaurant storage capacity by 80%.
- Implemented a filtered search feature at the Frontend for users to search for restaurants based on a specific cuisine in real time and also utilized api material libraries to achieve a more smooth UI frontend web design and shortened the project time by over 50%.
- Improved user experience through the utilization of React/ Redux lifecycle hooks and randomized level rendering through the implementation of conditional logic.

**whatsGood** | MongoDB, Express, React, JavaScript, Node, HTML5, CSS3, MUI Api, GoogleBook Api, Heroku **Live | Github**

A MERN stack app for users to search, follow, and share lists of books using Google Books Api

- Utilized a MUI material library to leverage the material design and customized the style attributes to achieve more responsive and user-friendly layout; Leveraged Redux to optimize the information management of React components, resulting in DRY readable code and streamlined troubleshooting process in the software engineering program.
- Collaborate with team of 3 engineers, applying efficient git and pull request workflow in order to minimize potential merge conflicts within both Frontend and Backend.
- Build a secure user authentication system, utilizing Bcrypt to hash and salt passwords, strengthening protection of user data.

**Monkey Climbing Game** | JavaScript, HTML5, CSS, Webpack **Live | Github**

Interactive climbing game using Vanilla JavaScript

- Implemented HTML Canvas to dynamically render 2D game images and creatively applied an image iteration approach to create visually appealing background and mimic the movement of the game character.
- Utilized a communication network with setInterval(), requestAnimationFrame, and custom functions between main character and surrounding features to build up an interactive and user-friendly gameplay.
- Implemented Unit test by increasing the working and debugging efficiency over 30%.

## EXPERIENCE

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**Deloitte & Touche LLP** | New York, NY | **External Audit Associate** 09/20 – 09/21

- Performed external audits across various industries including private equity firms, hedge funds, and mutual funds with over \$25 billion of assets under management.
- Drafted audit reports by writing up observations, summaries on clients' assets and liabilities, and presenting the external auditor's overall assessment of the clients' financial position during the financial year.
- Completed various testing working papers ranging from equities valuation testing to Journal Entry Testing by actively communicating with clients, collecting audit evidence, analyzing financial data and following up on missing audit materials.

**Medley Capital** | New York, NY | **Fund Accounting Intern** 09/18 – 12/18

- Maintained the accounting ledgers for 2 private equity funds and related investment vehicles; assisted in the preparation of the monthly, and quarterly financial statement valuations utilizing practical expedient
- Performed portfolio accounting for diverse asset classes, completed partnership accounting for a variety of legal structures; track and update Medley Capital Corporation (MCC)'s growing portfolio of investments on a weekly basis

## EDUCATION

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**App Academy** | New York, NY | **16-week intensive course in full-stack software development with 3% acceptance rate** 04/22

**Baruch College, Zicklin School of Business** | New York, NY | **MS in Accountancy**, GPA: 3.69 05/20

**New York University** | New York, NY | **MS in Human Resources Management**, GPA: 3.71 05/16

**Sun Yat-sen University** | Guangzhou, China | **BA in German Language and Literature**, GPA: 3.85 05/14

## TECHNOLOGY AND LANGUAGE SKILLS

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**Programming Languages & Technology:** JavaScript, Python, Ruby, HTML, CSS, advanced Excel (pivot tables, formulas, V-look up), PowerPoint, accounting and tax software applications (QuickBooks, SAP, TaxWise)

**Certification:** Certified Public Accountant in New York State

**Languages:** Conversational German, fluent in Mandarin Chinese and English