

Christopher Liang

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TECHNICAL SKILLS

Front End: JavaScript ES6+, TypeScript, React, Redux, jQuery, HTML, CSS, Sass

Back End: Node, Express, MySQL, MongoDB, Mongoose, Redis, RESTful API Development

Deployment: Amazon Web Services, EC2, S3, Docker, Heroku

Testing & Tools: Jest, Enzyme, Mocha, Chai, Loader, Artillery, ESLint, Git, Trello, npm, Webpack, Babel, Agile Methods, Figma

SOFTWARE ENGINEERING APPLICATIONS

Apartment Hunt | Project Manager & Software Engineer | [GitHub Repo](#)

Technologies Used – **JavaScript, React, Sass, MongoDB, Mongoose, Amazon Web Services EC2**

- Collaborated on a team of 10 software engineers to build a real estate rental application within seven days.
- Organized team workflow, including stand-ups, meetings, ticketing, and Git workflows.
- Constructed reusable Autocomplete & Geolocation Search Bar via Google Cloud APIs used by other team members.
- Managed State with React Contexts to maximize data flow efficiency.
- Implemented Responsive Maps with Light/ Dark modes, custom Markers & designed a responsive homepage compatible with Tablet and Mobile.

Atelier API | Software Engineer | [GitHub Repo](#)

Technologies Used – **JavaScript, Node, Express, MySQL, Redis, Docker, Amazon Web Services, EC2, S3, Loader**

- Engineered a RESTful API capable of handling web-scale production with scalability.
- Leveraged Node Streams to optimize ETL of over 6GB in raw CSV files.
- Integrated connection pooling and Redis cache with a 120% improvement in throughput with an average latency of 5ms for 3200 requests per second.
- Deployed containerized back-end service utilizing Docker and Amazon Web Services.

Project Catwalk | Software Engineer | [GitHub Repo](#)

Technologies Used – **JavaScript, React, Redux, CSS, Amazon Web Services EC2**

- Constructed reusable React components and Redux store with team members to reduce coupling and code complexity.
- Implemented custom Carousels with React's create reference and pixel scrolling instead of using third party components.
- Increased Lighthouse score by 200% by compressing bundle.js and optimizing images.

PROFESSIONAL EXPERIENCE

Medical Scribe | *Weill Cornell Medicine* | New York, NY

2017 - 2020

- Managed sensitive data and Improved workflow efficiency of Emergency Department Physicians with patient evaluations.
- Developed extensive knowledge of EMR (electronic medical records) applications including Allscripts and EPIC.
- Documented patient charts including histories, physicals, assessments and plans.

Research Associate | *NYU Langone Medical Center* | New York, NY

2018 - 2019

- Accumulated data from clinical trials, uploading and maintaining database; presented statistical analysis of data.

Research Associate | *Memorial Sloan Kettering Cancer Center* | New York, NY

2017 - 2018

- Researched the requirements for the Apela-APJ signalling pathway during embryo development.
- Performed multiple procedures including photo-documentation, cataloguing hundreds of embryos, cryosections, and assigning genotypes according to PCRs.

EDUCATION

Hack Reactor | Software Engineering Immersive | New York, NY

2020

CUNY Hunter College | Bachelor of Arts in Biochemistry and Psychology | Dean's List, Cumme Laude, GPA: 3.58, MCAT: 516 | New York, NY 2019