

LEO CHUNG

Full Stack Software Engineer

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PROJECTS

LineAlert (MERN Stack: MongoDB, Express, React, Node.js)

[Live Site](#) | [Github](#)

A full stack single-page application where users can create, read, update, and delete alerts of hazards on NYC subway stations

- Practiced agile development workflow as scrum master by leading the team through daily stand-ups and planning sprints
- Supervised and guided frontend and backend leads on application design, user experience, and GitHub workflow
- Researched and integrated Google Maps and Google Directions API to source live transit data, directions, and routes
- Created and incorporated AWS S3 buckets to store project assets that can be fetched when requested by users

Thiscord (React, Redux, Ruby on Rails, PostgreSQL, AWS Cloud Services)

[Live Site](#) | [Github](#)

Clone of the popular instant messaging social platform, Discord

- Utilized WebSocket API to enable interaction between web servers and browsers, allowing live messaging between users
- Incorporated AJAX requests to make API calls over HTTP protocols to pass relevant data from the backend to the frontend
- Applied Ruby on Rails to produce an API with the ability to query into the PostgreSQL database to retrieve backend data
- Successfully deployed the application on both Heroku and Render and presented the functionalities to a live audience

Typier Drive (JavaScript, HTML, and CSS)

[Live Site](#) | [Github](#)

A typing-based fighting game where users can type randomly generated words to fight an infinite wave of enemies

- Implemented Canvas to create animated sprite components, background images, and health bars
- Calculated the dimensions of frames and sprites to iterate through a character sprite sheet, resulting in fluid animations
- Designed a wireframe using UX / UI theory and programmed the frontend components to match the wireframe

WORK EXPERIENCE

RBC Capital Markets | Investment Banking Associate | New York, NY

June 2018 - December 2021

- Project Freestone (July 2021):
 - Acted as exclusive buy-side advisor to Brookfield Asset Management Reinsurance Partners in its acquisition of American National Group, a publicly-held multi-line insurance and reinsurance provider operating in all 50 states
 - Managed the due diligence process between the buyer and seller by tracking over 350 due diligence questions and answers, resulting in an improved response rate from the seller and all required diligence items answered
 - Guided the investment committee of the buyer through public comparable company valuations and other valuation methodologies, providing reassurance on actuarial estimates and leading to a successful transaction close
- Project Ion (December 2020):
 - Acted as a buy-side advisor to CNO Financial Group in its acquisition of DirectPath, an employee benefits manager
 - Developed and presented the valuation model to the Board of Directors of CNO Financial Group resulting in an approved engagement, accepted bid, and transaction close during the height of the Covid-19 pandemic
 - Successfully pitched a revenue-based earnout provision to the executive management of CNO Financial, resulting in the transaction terms being revised to be more flexible and resulting in a 25% increase in internal rate of return

Investment Management Group | Technology Director | New York, NY

February 2016 - June 2019

- Advised and led a team of analysts to produce stock pitch presentations, evaluation models, and investment rationales on a biweekly basis, resulting in all pitched securities approved and invested in by the portfolio investment committee

EDUCATION

App Academy | New York, NY

- Completed a four-month long intensive full stack software development course with a less than 5% acceptance rate
- Designed and developed three web-based applications by implementing and applying learned software development skills

CUNY Baruch College | New York, NY

- Bachelors of Business Administration - GPA: 3.9 / 4.0 | Major: Finance | Minor: Psychology
- Honors and Awards: Summa Cum Laude | Macaulay Honors Scholar

SKILLS & INTERESTS

- **Programming Languages:** JavaScript, Python3, Ruby, SQL
- **Technologies, Libraries, and Frameworks:** CSS3, Express, Git, Heroku, HTML, mongoDB, Mongoose, Node.js, PostgreSQL, React.js, Redux, Render, Ruby on Rails, SQLite3
- **Interests:** Photography, Competitive Gaming (Valorant - Immortal 3 - North America), Street Fashion, Keyboards