

Ryan Ehrlich

Software Engineer | Full Stack Engineer

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SKILLS

CODING

Languages - JavaScript, Python, C, HTML, CSS | **Libraries and Frameworks** - React, Node.js, Express.js, Django

Database - MongoDB, Mongoose, PostgreSQL | **Other** - RESTful Routing JSON, Responsive Design, Object-Oriented Design

TECHNICAL

Data - Loss Analytics, Excel Dashboard Design, Data Cleansing/Mapping/Blending, Alteryx Workflows

Insurance - Domestic & Int'l P&C, Global Servicing, Contract Review | **Other** - MS Excel Power User, Alteryx, MS Office, Adobe

SOFTWARE DEVELOPMENT PROJECTS

Nov 2017 - Present

[Alike](#) | Social-Media website | HTML, CSS, React, Node-Fetch, Cloudinary, Python, Heroku, PostgreSQL, Netlify

- Project manager and collaborator with a team of 7 colleagues to build a dynamic Social Media platform for software engineers
- Worked across the front-end and back-end to ensure neither side was bottlenecked at any point and data was optimized for a smooth flow between the front and back end (back-end repo can be found [here](#))

[GA Express](#) | E-commerce website | HTML, CSS, React, MongoDB, Node-Fetch, Express

- Led and collaborated with a team of 5 colleagues to build a functional e-commerce website
- Managed across the front-end and back-end to build and ensure adherence to project timeline, deliverables, and feature prioritizations (back-end repo can be found [here](#))

[Exploring the Ocean](#) | Responsive website | HTML, CSS, React

- Utilized a colleague's API to render a fully responsive website on both desktop and mobile
- Streamlined API data flow and implemented front-end data cleansing

[NASA API Project](#) | Back-end API | Express, Mongoose, MongoDB, Node-Fetch

- Fetched NASA API data and modeled using Mongoose Schemas and built a limited front end for easy navigation
- Cleaned data removing null entries and embedded object for destinations (see [readme](#) on Github for process details)

[Battleship](#) | Desktop web game | HTML, CSS, JavaScript

- Created a desktop web game utilizing core JavaScript logic and basic CSS
- Coded logic for randomizing ship placement, computer targeting, ship profiles, and win conditions along with introducing limited artificial intelligence for the computer's moves

PROFESSIONAL EXPERIENCE

General Assembly, Software Engineering Fellow | New York, NY

Nov 2022 – Feb 2023

- Collaborated with colleagues and was the project manager for two full stack applications, [Alike](#) and [GA Express](#)
- Developed a portfolio of front-end, back-end, and full stack projects, leveraging and expanding my knowledge on languages, frameworks, data structures, and project planning

EPIC Brokers & Consultants - Global Services Division, Account Executive | New York, NY
June 2019- June 2021

- Brokered and managed domestic insurance placements for large middle-market commercial clients
- Collaborated with clients, internal stakeholders, and carriers to support client initiatives, optimize workflows, and navigate changes in market conditions
- Strategized renewals understanding clients' risk, risk management philosophy, loss history, and market conditions to achieve optimal program terms, conditions, and pricing

- Created dashboards to assess total cost of risk, track asset movement, and allocate premiums

Aon – Aon Inpoint, Associate Engagement Leader | New York, NY **Apr 2017 – June 2019**

- Utilized data & analytics to support client initiatives, identify problem areas, and highlight growth opportunities
- Led and participated in various consulting projects ranging from exploratory to client-initiative to Aon-book focused
- Built a proprietary excel-based dashboard to help clients prioritize opportunities, leverage relationships, cross-sell, and understand whitespace.
- Received Alteryx training for workflows, data manipulation, and data blending in Dublin, Ireland

Aon – Aon Global Client Network, Account Executive | New York, NY **June 2011 – Apr 2017**

- Brokered foreign casualty placements for Fortune 500 and large complex multinational companies
- Directed and coordinated overseas casualty, property, management liability, and marine programs managing Aon's internal network, facilitation of client, carrier, and network communication, claims escalation, and the establishment of regional hubs where needed
- Conducted loss analyses to identify loss trends, causation, and opportunities for mitigation.
- Developed innovative approaches to address client concerns such as monitoring the accuracy of carrier loss runs, identifying portfolio companies responsible for driving loss ratios, and adherence to Service Level Agreements
- Nominated for Aon's International Exchange Program and spent 6 months in Singapore (additional details below)
- Selected to attend Aon's Global Account Sales and Service Program (GASSP) in Belgium which recognizes rising stars globally with 1-3 years' experience

Aon Singapore – Aon Global Client Network, Senior Manager | Singapore, Singapore **May 2016 – Nov 2016**

- Brokered, implemented, and serviced multinational inward-flow insurance placements
- Conducted training on loss analytics, US outward-flow business, and network coordination. The course has been continued to date to educate colleagues about the critical insights that can be obtained from client loss history.
- Upon returning to the US, shared insights with colleagues regarding the importance of clarity in communication, sensitivity to culture, and the essentialness of establishing a good rapport with our colleagues overseas

EDUCATION

GENERAL ASSEMBLY

Software Engineering Immersive

Nov 2022 - Feb 2023

Full-stack software engineering immersive student in an intensive, 450+ hour program focused on product development fundamentals, object-oriented programming, frameworks, data modeling, and team collaboration strategies.

STONY BROOK UNIVERSITY | STONY BROOK, NEW YORK

Bachelor of Science in Business Management and Operations, Minor in Philosophy

June 2011

Licensed Property & Casualty Broker (PC-1285329, BR-1285329)

Current