

ANDREW RYU | FULL STACK ENGINEER

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- <https://github.com/ryuandrew> ▪ <https://linkedin.com/in/ryuandrew>
- <https://andrew-ryu-portfolio.netlify.app/>

TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript, jQuery
- **Technologies:** React.js, Node.js, Express.js, MySQL, Sequelize, MongoDB, Mongoose, Git, GitHub, GitLab, Heroku, Socket.io, webpack
- **Applications:** Insomnia, MongoDB Compass

EDUCATION

Full Stack Web Development Certificate, University of Washington Jun 2022
B.A., Mathematics, University of Washington Jun 2013

PROJECTS

Booklastic – Group Project

- Developed a full-stack app that uses a RESTful API where users can share reviews of their favorite books as well as comment on other people's post allowing full CRUD functionality
- Integrated a live chat feature to communicate in real time
- Used: HTML, CSS, JavaScript, NodeJS, Insomnia, Moment, MySQL, Socket.io, Express, Sequelize
<https://fathomless-bastion-58602.herokuapp.com/>

Meme Generator – Group Project: Project Manager, GitHub admin

- Created a meme generating web application, targeting avid meme users, to create a personalized meme using Imgflip API
- Managed to ensure the team follows the Scrum methodology by assigning tasks and setting milestones utilizing the Kanban board
- Used: HTML, CSS, JavaScript (jQuery), Tailwind, Imgflip API, icanhazdadjoke API
<https://ryuandrew.github.io/MemeGenerator/>

Shopping List – Creator

- Built a shopping list app to use personally with local storage and React hooks such as useState and useEffect
- Users can add item, delete an item, adjust the quantity of an item, checkmark the purchased item, and clear the entire list of items
- Used: HTML, CSS, JavaScript, React.js
<https://andrew-shopping-list.netlify.app/>

PROFESSIONAL EXPERIENCE

Premiera Blue Cross, Mountlake Terrace, WA Sep 2019 – Feb 2022

Actuarial Analyst

- Worked with Pricing and Product Management Team to provide rate filing support, product performance monitoring, and other ad hoc support to provide business insights
- Performed monthly experience studies, analyzing COVID-19 related utilization and cost
- Calculated renewing groups' premium increase for use in budgeting and outlook projections

Symetra, Bellevue, WA Feb 2019 – Aug 2019

Finance Actuarial Intern

- Performed movement analysis which captured the change in the embedded value of the company. This was done by tracking shifts in the assets and liabilities over time and measuring impacts, the largest of which was a co-insurance transaction on a \$6 billion block of business
- Created a VBA Macro to automate the process of extracting data from multiple sources which now saves five hours of manual processing per use