

# Jiyoung Lee

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## PROFESSIONAL EXPERIENCE

- Full Stack Developer Intern | Hotswaps | Jul '22 – Present**
- Working in a Scrum process with daily stand-ups and sprint planning to deliver MVP features
  - Completed favorites feature by implementing SQL linking tables and building Express API endpoints to save and fetch favorited listings
  - Optimized user favorites fetch times by 30% by refactoring the join logic of the SQL tables
  - Rebuilt the mobile page for user settings using ReactJS and Tailwind CSS to improve UX and page flow
  - Documented onboarding and workflow processes to improve knowledge sharing
- Associate, Service Delivery Compliance (SDC) | Brown Brothers Harriman & Co | Dec '20 – Mar '22**
- Successfully launched automated API solution for Shareholder Identification to meet tight deadline requirements and provided accurate shareholder information in compliance with the SRD II regulation impacting 30+ markets
  - Monitored and troubleshoot API errors by reviewing account setups, JSON response files, and third party UI
  - Devised workflows and procedures to facilitate training for the new Shareholder Disclosure Team
  - Collaborated with operational and systems teams to optimize processes, enhance account/securities blocking protocols, and assess the fiscal and technical feasibility of all SDCCD projects
  - Simplified complex technical requirements into action items and communicated to senior management
- Lead Specialist (SSI / CAP Projects) | Brown Brothers Harriman & Co | Jan '18 – Dec '20**
- Led a team of 2 SSI specialists, providing extensive training and close mentorship
  - Collaborated with systems teams to design navigation and layout of new screens on firm-wide Unified Account File
  - Translated business requirements into detailed test cases for UAT and Unit Testing to proactively identify bugs
  - Onboarded 70 new clients to the ALERT GC Direct platform with end-to-end testing and integration support, increasing total accounts supported by 57% and SSI volume by 77%
  - Maintained project deliverables and testing schedules, ensuring on-time completion of projects

## PROJECTS

- Social Feed**  
*An open community for users to share posts and interact with others by liking or commenting*
- Implemented user sign up and authentication to save activity linked to user profiles
  - Built an API for users to create, edit, delete, and search for posts
  - Componentized reusable elements using React hooks with a useContext store to prevent prop drilling
  - Demonstrated UX best practices using mobile first design, form validation, and error handling
  - Created using: JavaScript, ReactJS, HTML, CSS, Express.js, Passport.js, MySQL, Heroku
- Portfolio Website**  
*Fully interactive music player themed portfolio with playable videos that showcases myself as the Artist*
- Synchronized maximized and PIP (Picture in Picture) video players with React hooks (useRef and useContext)
  - Created and designed seamless image carousel from scratch using pure Javascript and CSS
  - Implemented CI/CD with Github Actions to automate deployment to Github Pages on git push
  - Created using: JavaScript, ReactJS, HTML, CSS
- Shopping List**  
*Helpful checklist to take along on a trip to the grocery store that can be modified along the way*
- Implemented persistent state by saving user data in browser's local storage
  - Perform CRUD operations through array manipulation

## TECHNICAL SKILLS

JavaScript, CSS, HTML, ReactJS, TypeScript, Node.js, Tailwind CSS, SQL, MySQL, Npm, Git, JSON, Python, R, JIRA, Confluence, qTest, MS Word, MS PowerPoint, MS Excel, SPSS, XLMiner, Hyperion, Tableau

## EDUCATION & CERTIFICATION

- BS Management Information Systems | Rutgers University | GPA: 4.0**  
*Related Coursework: Fundamentals of Computer Science I & II, Discrete Structures, Computer Network Applications, System Analysis and Design, Logic and Computation, Cyber Security, Data Warehousing and Mining, Production and Operations Management, Data Management in the Enterprise*
- Certified Associate in Project Management (CAPM) | Project Management Institute**