# { AQ } Angella Qian
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## Work Experience

### Amazon Web Services (AWS)
Frontend Engineer | Oct 2022 – Present
- Developed, tested, and deployed web applications and internal tools for AWS Clean Rooms and AWS Entity Resolution using React, TypeScript, and AWS services, serving multiple teams across regions
- Built and maintained automated testing frameworks with Jest (unit) and Cypress (integration/E2E), reducing regression detection time by ~30% and improving test coverage for critical flows
- Designed and maintained canary dashboards and console debugging tools to monitor system health, resource deployment, and performance, increasing operational visibility across pipeline environments
- Contributed to internal documentation, best practices, and CI/CD troubleshooting guides, helping reduce deployment incidents and accelerate feature rollout cycles

### IBM Watson
Software Developer | Oct 2019 – Sep 2022
- Delivered major features in the new Watson Assistant experience including Home page, Onboarding/Dashboard task lists, Onboarding wizard, and Settings pages using ReactJS, Redux, and React Hooks
- Developed 30+ hand-holding tours, driving traffic to key features; within a year, new accounts 5X'ed and 42% more users converted into monthly active users
- Onboarded and mentored 8+ developers and interns on internal processes and product knowledge
- Ensured responsive, accessible UI with React Testing Library coverage, increasing confidence in feature reliability

## Early Experience + Internships

### IBM Watson
Software Developer Intern | May 2019 – Aug 2019
- Rebuilt dialog tool with Vue.js and TypeScript, enabling non-technical users to rapidly create dialogs; work contributed to the Actions feature
- Implemented Jest and Enzyme tests, increasing component reliability in the CI pipeline

### CORSAIR Components, Inc.
Frontend Developer Intern | May 2018 – Aug 2018
- Developed product landing pages and increased website visibility by 22% through translating 180+ pages and updating metadata for 340+ product pages

### USC School of Cinematic Arts
Assistant Web Developer | Jan 2017 – May 2019
- Managed site workflows and designed scalable community applications using JavaScript, Vue.js, and Bootstrap

### USC Viterbi School of Engineering
Course Producer | Jan 2017 – May 2019
- Supported student learning through office hours, labs, and one-on-one debugging, improving project completion and comprehension

## Education

### University of Southern California (USC)
May 2019 | 3.90 GPA | Los Angeles, CA
- Major: B.S. in Human Biology
- Minors: Computer Science, Web Technologies + Applications

## Technical Skills

- **Languages / Frameworks:** React, TypeScript, JavaScript, Node.js, HTML, CSS. Strong experience with typed models, React hooks, component optimization, and building reusable libraries
- **Cloud / AWS Services:** AWS CDK, CloudFormation, Amazon S3, IAM, Glue, CloudWatch for canary + alarm monitoring
- **Testing / DevOps:** Jest (unit), Cypress (integration/E2E), CI/CD pipeline support, deployment troubleshooting, Chrome DevTools, React Profiler, logging + monitoring dashboards