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| Alison Chan Summary I'm a full stack developer who enjoys building shiny, performant, well-tested web apps and the teams and processes around them. ExperienceThinkful (Chegg Learning Services) – *Software Engineer* October 2019 - March 2020  Full stack web developer on an e-learning platform used by hundreds of educators and thousands of students (React, Flask, SQLAlchemy, PostgreSQL)   * Increased educators' visibility of student progress by implementing new dashboard design * Implemented reusable UI components with React according to accessibility standards * Implemented and released live help widget PoC as part of an UX experiment aimed at improving student outcomes * Worked closely with stakeholders to iterate on front end design and behavior * Collaborated with infrastructure pod on local development environment improvements * Released features behind feature flags in a continuous delivery environment * Implemented repeatable database migrations with Alembic to improve deployment process  Detroit Labs – *Software Developer* August 2018 - August 2019  Full stack web developer on a metrics dashboard for a chain of hundreds of refrigerated warehouses across the US (TypeScript, Node, React, PostgreSQL, Redis)   * Enhanced navigation between facilities by implementing new multi-level nav menu sorting facilities into regions * Paired with other developers to onboard them and assist in debugging * Implemented smoke tests and improved caching in a Node and hapi.js based middleware * Improved team productivity by creating a CI task to automatically free up worker disk space * Maintained database workers written in Python * Enforced voting rules on a public-facing web app (https://littlelibraryprize.org) with Firebase Cloud Functions * Created an Ansible playbook to provision a Linux continuous integration worker * Member of the Diversity & Inclusion and Interview Standardization Workgroups  X by 2 – *Consultant I* October 2015 - August 2017  Software developer consultant in the insurance industry (Guidewire ClaimCenter, Java, Apache Camel)   * Simplified and improved error handling in Apache Camel-based document integration middleware for an insurance claims system handling 300,000 claims and 2 million documents annually, resulting in fewer system errors, improved performance, and easier troubleshooting * Improved performance and user experience within the constraints of a legacy COTS front end application * Led feature-level design review and code review discussions * Worked closely with external vendors and other business departments to troubleshoot production errors  Projects/VolunteeringWhat is this week's Torah portion? – *Developer* 2018  (https://github.com/alis0nc/whatisthisweekstorahportion) Microsite which presents information on this week's Torah portion in a minimalist format. Uses the Hebcal API Penguicon – *Head of Logistics* 2016 – 2019  Head of Logistics for a 1700-member local open source / DIY / science fiction convention | Detroit, Michigan  **alisonc@alisonc.net**  **https://alisonc.net/**  **GitHub**  alis0nc  **GitLab**  alis0nc  **OpenStreetMap**  alisonc42  **LinkedIn**  /in/alisonc42 Skills **Web Development**  HTML, CSS, Sass, Styled Components, React, Redux, Jekyll  **Programming Languages**  TypeScript, JavaScript, Python, Shell scripting, Java  **Databases**  SQLAlchemy, PostgreSQL, Redis, SQL Server  **Infrastructure**  Alembic, Jenkins, Travis-CI, GitHub Pages, Docker, Firebase |