Adelle Housker

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Experience

Crowdstrike SEPTEMBER 2019 - PRESENT
Engineer II | https://www.crowdstrike.com/
Cloud native cybersecurity

- Create front-end APIs and their associated models, loaders, and stores for novel cloud services.
- Develop maintainable Ember Classic applications, and refactor internal tools to the latest version of Octane with Glimmer components to create scalable abstractions and improve load time.
- Mock production data with custom responders that intercept API requests, and test in QUnit .

Lattice JUNE 2019 - SEPTEMBER 2019
Support Engineer | https://lattice.com/
People management software

- Pinpoint source of bugs throughout the stack, collaborating in Git workflow, test-driven development, and CircleCI continuous integration.
- Alter React components and devise PostgreSQL queries in Sequelize, Knex, and raw SQL.
- Write Jest tests in Node.js for GraphQL mutations.

The Recurse Center JANUARY 2019 - MARCH 2019
Mabel | https://housker.github.io/
Data visualization and e-contracts to connect local farmers to markets

- Built responsive UI in JavaScript (AJAX, ES2015+) and Angular
- Visualized multi-dimensional datasets with Chart.js and Leaflet for geospatial analysis
- Enforced separation of concerns with Go service layer and API connecting to a PostgreSQL database.
- Experimented with PostGIS, Kubernetes, gRPC microservices, and machine learning.

Hack Reactor (Galvanize) NOVEMBER 2017 - OCTOBER 2018
Know How | AbelBoxPro | Criboard
Widget CMS, Cloud storage, Apartment management

- Developed micro-services (ElasticSearch, Socket.io) and deployed with Docker to AWS (EC2, RDS).
- Embedded gtag.js and implemented Node.js server-side service account authentication in order to access Google Analytics for real time data tailored to individual users.
- Designed MySQL database schema to support blockchain hashes.
- Architected dual-storage through a centralized server (AWS S3) as well as decentralized IPFS.
- Built interactive maps using axios promises to make client-side requests to Leaflet's RESTful API.
- Leveraged Multer form-parsing for data formatting. Configured authentication and async API calls.
- Secured user flow with Passport.js, Bcrypt encryption, and React Router.

Education

University of Minnesota, Minneapolis – *M.A. Human Resources*
Carleton College, Northfield – *B.A. Psychology*