ANNA**SHERMAN**

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{WORK}EXPERIENCE

AVIA Health Innovation { *Full Stack Software Engineer* }   11/17 – present

MySQL, ES6, Node.js, Express.js, Angular.io, HTML, CSS, Sass, JIRA/Agile

The product team at AVIA builds AVIA Connect, a platform for connecting healthcare systems. Major projects include:

- Universal Search

    - Worked with product managers to create custom search. Built six individual weighted SQL queries and heavily weighted literal string matches. Weights are accessible to the product manager to tweak and modify.

    - Built an "all" search that creates one query from the six individuals. Built a front-end that can respond to a search item's "type" (e.g., a user).

- Recommendations engine

    - Given a topic and existing connections, the engine returns a list of other relevant mappings. Assigned other topics a normalized value based on proximity and filtered out existing mappings for accuracy.

    - Pair programmed a query builder tool that would enable others to easily add to the engine.

- Internal analytics

    - Built an analytics system that allows for on-the-fly, low-maintenance creation of different analytic event types.

    - Collected search term, route change, activity, and browser information on users and displayed it in a chart.

    - Formally mentored an intern who created 6 new charts and additional interactive graphs in d3.

foodjunky.com { *Full Stack Engineer* }   03/16 - 08/17

MongoDB, Node.js, Express.js, Angular.js, HTML, jade (pug), CSS, Sass, Elasticsearch, Mocha/Chai/Sinon, AWS

A full-stack MEAN role at an online food-ordering startup with the following major projects:

- Internal restaurant & menu editors:

    - Built an Angular.js dashboard for restaurant owners to update their restaurant & menu information. Built custom front-end form validators and back-end data validators.

    - Created new menu schemas in MongoDB and wrote scripts in JS to convert menus to the new format.

    - Integrated with Google's Geocode API to allow lookup of city, state, and tax rate by zip code.

- New foodjunky.com user-facing website:

    - Improved restaurant search indexing, order creation, updating, and checkout. Tested with Chai and Mocha.

    - Created a referral program which generated unique user codes and credited accounts on first orders

- Integrated with Yelp.com's data ingestion & checkout APIs.

{EDU}CATION

General Assembly { *Web Development Student* }   10/15 - 01/16

A coding bootcamp focused on creating full-stack web applications using frameworks in JavaScript and Ruby.

University of Illinois *{at Urbana-Champaign}*   08/11 - 05/14

Bachelor of Science in Molecular and Cellular Biology Honors Concentration; Business Minor
Overall GPA: 3.96/4.00 **//** University Honors (Bronze Tablet)

{MISC}ELLANEOUS

Fluency in Russian, Intermediate in French, RYT-200 Yoga Teacher, Cookie Baker