

Jennifer MacDonald

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PROFESSIONAL EXPERIENCE

CLEVER INFLUENCER MARKETING | Software Engineer (Remote) *Feb 2018–Jun 2018*

- Built an internal monitoring dashboard utilizing AngularJS, enabling clients to look up posts of their influencers as well as see highlights of the best influencers' progress
- Dynamically handled recalculation to expand Brand Love bubbles in display of long quotes
- Advocated for and developed dynamic spinning, allowing clients to view more items on the carousel
- Created a directive that took API-fetched data and displayed it as a donut bar to visualize progress
- Added sticky floating header and add/reject features to a new dashboard to facilitate collaboration

S & C ELECTRIC COMPANY | QA Lab Intern *Jan 2017–Feb 2018*

- Installed, integrated, and tested firmware on S&C circuit boards, writing and using small scripts in PowerShell to upgrade
- Updated and maintained configuration of peripheral products

OPENX | Software Engineer UI Intern *Jun 2015–Sep 2015*

- Troubleshoot and fixed component bugs including closed dropdowns by using browser developer tools
- Built website using AngularJS to instruct OpenX users about programmatic advertising markets, collaborating with the UX and PM interns to design an intuitive learning model

TECHNICAL EXPERTISE

Languages: JavaScript, Python, Java, R, MATLAB

Frameworks: AngularJS, Jupyter Notebook

Tools: Git, Heroku, Vim

PROJECTS

MASTER COURSEWORK AND PERSONAL PROJECTS

<http://github.com/jenniferlmacdonald>

- Includes repositories on web development, DB systems, data classification, and predictive modeling
- Created a movie database website similar to IMDB by using SQL queries to return data
- Used dataset of smartphone-based recognition features to classify which of six activities was performed
- Built regression/classifier models from Stack Overflow survey, predicting features like jobs and salaries

UNDERGRADUATE HONORS THESIS

Effects of surface characteristics on amodal completion

- Year-long individual research on contour interpolation and partially occluded object perception
- Developed an adaptive staircase paradigm in MATLAB to test subject's ability to identify contours

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES *Expected Mar 2019*

Master of Science in Data Science Engineering (Department of Computer Science)

- **GPA:** 3.7/4.0

UNIVERSITY OF CALIFORNIA, LOS ANGELES *Jun 2016*

Bachelor of Science in Cognitive Science with a Specialization in Computation

- **GPA:** 3.7/4.0, *cum laude*