Jessica Henning

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SKILLS

Languages: JavaScript, HTML, CSS, Python
Frameworks: React/Redux, JQuery, Ruby On Rails
Tools: Git, Visual Studio, Figma, Sketch, InkScape
UI/UX Design and Theming, Implementing Style Guides

EXPERIENCE

Frontend Software Developer January 2019 - Present
Prime Labs Inc., Missoula, MT

- Responsible for designing, implementing, and updating UI components for a private cloud-based SaaS, data visualization and annotation application. This application is specifically used by chemists and mass spectrometrists studying Pharmacokinetics, the creation and research of pharmaceutical drugs, but could be used in a variety of scientific fields.
- Transitioned a Ruby on Rails application to a fully functional React/Redux application.
- Design and implement UI components and layouts drawn with Figma.
- Refactor and develop reusable and maintainable React components for key application features.
- Implemented third-party JavaScript graphing libraries, such as Chart.js and Victory Charts, with custom plug-ins.
- Communicate with clients for feedback on current and the creation of new, UI features.
- Provide feedback and mentorship for interns on React, JavaScript, and CSS best practices.

Graduate Research Assistant June 2018 - August 2019
The University of Montana, Department of Computer Science

- Frontend development for a user interactive annotation software.
- Implemented functionality with pure JavaScript/JQuery to enable users to accurately annotate mass spectrometry data.
- Designed interactive features to layover a 2-dimensional and 3-dimensional graph.

EDUCATION

The University of Montana, Missoula, MT

- Master of Science, Computer Science (Aug 2018 - May 2020)
- Bachelor of Science, Computer Science and Mathematical Sciences (Aug 2014 - Dec 2017)

PUBLICATIONS/THESIS PROJECT

- **A web-based system for creating, viewing, and editing precursor mass spectrometry ground truth data.**
  Sept 23, 2020. BMC Bioinformatics
  Henning J, Smith R.
- **A Peptide-Level Fully Annotated Data Set for Quantitative Evaluation of Precursor-Aware Mass Spectrometry Data Processing Algorithms.**
  Jan 18, 2019. Journal of Proteome Research
  Henning J, Tostengard A, Smith R.