Amanda Steinhauer

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https://amandasteinhauer.github.io/personal-website/

EDUCATION

B.A.Sc. in Computer Engineering   **S**ept. 2016 – April 2021
University of Toronto
Minor in AI

EXPERIENCE

Software Engineer II – Software Engineer III, *Voiceflow*   *April 2022 – Current*

- Developed 100+ scalable and reusable UI components using React.js, Typescript, and ES6+
- Developed responsive and interactive features using React.js, Typescript, JavaScript, HTML and CSS to increase user engagement
- Developed RESTful APIs used to fetch and display dynamic data, ensuring seamless user experiences and real-time updates for a web application with 1000s of concurrent users
- Integrated with third-party APIs such as Zendesk to provide more flexibility to users
- Mentored 2 intern developers to help them improve their technical abilities and confidence in software development, resulting in positive feedback from participants
- Utilized Redux for state management in a complex application, improving data flow and reducing the need for prop drilling, which simplified component structure and maintenance
- Worked in an Agile environment on a cross-functional team of 10, participating in daily stand-ups, sprint planning, and retrospectives to ensure timely delivery of features and improvements

Associate Engineer, Story DNA, *Wattpad*   *April 2019 – August 2020*

- Built website pages and components using React, Redux and JavaScript to increase user satisfaction and facilitate data collection
- Created ETL data pipelines that scheduled, extracted, transformed and exported relevant data using python, SQL, spark and AWS to form datasets that delivered insights into the works created by users
- Developed similarity models using natural language processing techniques (doc2vec, tfidf, etc.) and built a web service and API for the model to be used
- Engineered a LSTM-CRF named entity recognition model to identify the characters in a text with 98% precision

Student Developer, Research and Development, *LAWO*   *May 2018 – Dec. 2018*

- Developed various web applications, including an Ember+ Viewer, using C#, Java, Go, JavaScript HTML5, and CSS
- Performed extensive unit testing, increasing code coverage by 50%, on web applications to ensure functionality and performance requirements were met
- Improved the performance of a custom JSON deserializer by 120%