

Alvin Chang

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EXPERIENCE

Relativity, Chicago – Full-Stack Software Engineer

August 2019 - Current

- Maintained and developed features for Relativity's Web Component library. This had in mind the idea of WCAG, backwards compatibility and ease to use in mind
- Maintained and developed the products for Relativity's platform for form submission. This included API's, eventHandlers and performance in mind specific to the forms.
- Led majority of the metrics implementation and created dashboards and alerts to monitor metrics

Wolfram Alpha LLC, Champaign— Software Engineer

JULY 2018 - October 2018

- Maintained the frontend and backend for the Wolfram Alpha product
- Assisted the introduction of React in codebase
- Fixed bugs and errors found in the Wolfram Alpha product

National Center for Supercomputing Applications, UIUC — Software Engineer Intern

MAY 2017 - MAY 2018

- Designed and programmed the modular architecture used in the entire project
- Streamlined user input into DSSAT Crop Model and built parser for easy to interpret the output
- Wrote the automated system that updates and parses weather information gathered from public government website
- Maintained the system to additional specification introduced by the client along the way

EDUCATION

University of Illinois at Urbana Champaign — B.S. in Computer Science

August 2014 - May 2018

SKILLS

Data Structures.

Web Development
(Node/JavaScript/React/CSS).

Object Oriented Programming

Computer Security.

Software Engineering
(Architecture/Agile Development).

Git, CI/CD, Unit Testing and Integration Testing.

LANGUAGES

4 Year Experience in Python and JavaScript

2 Year Experience in SQL, C#, C++, Java, C, Python Packages

<1 Year Experience in Clojure, PHP, Assembly (x86), R, OCaml

Portfolio Website

<https://alvinhchang.github.io/project>

- Contains my notable personal projects