

Adam Tigar

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EXPERIENCE

Coder School, Teacher and Tutor— *July 2019 - Present*

- Teaching middle and high school students introductory and intermediate computer science
 - Topics include Algorithms & Data Structures, website design and development, and generative art in p5.js
- Writing tutorials and lesson plans to be shared online and with my students

Freelance Website Developer — *March 2019 - June 2019*

- Redesigned and developed websites for Berkeley artists and makers

Recurse Center, Participant— *September 2018 - December 2018*

- Explored Processing and p5.js making math-based computer generated visual art
- Developed [a twitter bot](#) in Python that writes poetry using markov chains
- Learned Rust by building a suite of command line tools

Mountain Camp, Ropes Course Staff— *Summer 2016 and Summer 2018*

Carleton College Academic Technology, Software Engineer— *March 2017 - June 2018*

- Worked in a team of six students to develop a full stack web app for Carleton's foreign language students to record their voices for assignments in Java and Grails
- Designed and developed the landing page and menus with repeated user testing and feedback

Datrium, Software Engineer Intern — *November 2017 - December 2017*

- Added new server status visualizations to the Angular frontend

Instructor & IT Technician, iD Tech Camps — *May 2017 - August 2017*

- Taught Python, Arduino, and Java to high school students covering algorithms, data structures, and circuitry

Crowdstrike, Software Engineer Intern — *November 2016 - December 2016*

- Drafted and implemented a sensor to read file changes on disk and send alerts to a local test server

PROJECTS

E-discovery on the Enron Documents (Senior thesis) – https://github.com/xingfanxia/comps_ediscovery

Used natural language processing and a random forest machine learning model to determine document relevancy across 170,000 emails from the Enron Scandal of 2001

Built a front end in Vue.js to visualize the categories flagged by the ML model

Goat Notes – <https://github.com/tigar/goat-notes>

A journaling tool for the command line - written in Node.js

Daily Processing – https://github.com/tigar/daily_process

A small collection of generative art I've made in p5.js and Processing

SKILLS

Programming Languages: Python, Java, JavaScript, HTML/CSS, SQL, PHP

Frameworks and Tools: React, Node, Flask, pandas, numpy, nltk, Ruby on Rails, Jekyll, Grails, Vue

EDUCATION

Carleton College – Northfield, MN

Bachelor of Arts, Computer Science, graduated June 2018