

Adam Tigar

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website: adamtigar.com | generative art: <https://daily-processing.tumblr.com/> | github: tigar

Experience

- Coding tutor**, The Coder School, Berkeley, CA July 2019 - Present
- Currently teaching middle and high schoolers programming, covering a range of topics from fundamentals, game design, data structures, and web development
- Participant**, Recurse Center Sept 2018 - Dec 2018
- Created digital visual art with Processing
 - Developed a [twitter bot](#) in Python that writes poetry using markov chains
 - Completed a variety of pentesting labs at hackthebox.org
- Core Ropes Course Staff**, Mountain Camp Summer 2016 & 2018
- Managed groups of 20 campers through a ropes course 30 feet in trees
- Student Software Engineer**, Academic Technology at Carleton March 2017 - May 2018
- Worked in a team of six students to develop a website for Carleton's foreign language students to record their voices for assignments in Java and Grails
- Software Engineer Intern**, Datrium December 2017
- Refactored pieces of the layout in the Angular landing page
- Tech Coordinator & Instructor**, iD Tech Camps, Berkeley CA Summer 2017
- Taught Python, Java, Arduino, and JavaScript to middle and high school students
- Software Engineer Intern**, CrowdStrike Nov 2016 - Dec 2016
- Drafted and implemented a sensor to read file changes on disk and pass information to the cloud
 - Attended daily team meetings with the Ontology team and completed CTFs

Projects

- E-discovery, Senior capstone project** - Python, scikit-learn, pandas, SQLite, Vue
- Used natural language processing and random forest machine learning to determine document relevancy across 170,000 emails from the Enron Scandal of 2001
 - Built a front end in Vue to handle large amounts of results and visualizations of categories within documents
- Daily Processing** - p5.js, Processing, Java, Javascript
- Posting a piece of generative art everyday. Each have links to the code and a demo!

Education

- Carleton College**, Northfield, MN
- Bachelor of Arts in Computer Science, graduated June 2018
 - Coursework in HCI, Mathematics, Algorithms, and Natural Language Processing
 - Captain of Men's Water Polo, All American Honorable Mention 2015, 2016, 2017
- SEA Semester**, Woods Hole, MA & East Coast of New Zealand
- Developed statistical models and data visualizations for scientific research aboard the Robert C. Seamans, an oceanographic research ship.

Languages/Frameworks

Proficient: Python, Java, JavaScript, HTML/CSS, Vue.js, SQL, nltk, pandas, React
Exposure: C, C++, Scheme, PHP, Node.js, Angular