Alec Glassford

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EDUCATION

Stanford University — M.A. Journalism 2018

- Focus in data journalism, applying many computational skills from undergraduate work

Stanford University — B.S. Computer Science 2017

- Graduated with distinction (GPA 4.038) and minors in Creative Writing and History
- Elected to Phi Beta Kappa and Tau Beta Pi in junior year
- Frederick Emmons Terman Engineering Scholastic Award recipient, 2017
- Studied abroad in Florence, Italy
- Selected coursework: web app development, data visualization, databases, natural language understanding, computational journalism, profile writing, machine learning

RECENT WORK EXPERIENCE

Course Assistant, Stanford Computer Science [CS448B: Data Visualization] — Present

Teaching design & visualization principles, Tableau, D3.js, and more in grad-level data visualization class. Experience lecturing, grading, meeting with students one-on-one, etc.

News Applications Fellow, ProPublica (New York) — Summer 2017

Data analysis, reporting, and web app development to build interactive news applications. Redesigned popular Nonprofit Explorer app and built interface to transform + make accessible millions of machine-readable tax filings from new IRS release. Experience with Ruby on Rails, SQL, JavaScript, Sass, D3.js, Webpack & ES6, reporting, writing, and more …

Impact Intern, Ashoka Ireland (Dublin) — Summer 2016

Served many functions in small office of international social entrepreneurship organization. Wrote web profiles and press releases about innovative Irish schools and entrepreneurs joining Ashoka's network. Helped produce newsletter and annual report. Set up systems to streamline office workflow (e.g. Slack, Google Form, Trello integrations).

Software Engineering Intern, Flatiron Health (New York) — Summer 2015

Developed features for web app used in cancer clinics across the country. Among other things, built customer-emailing feature that gathered and transformed data, styled it with email-optimized CSS, and sent it through Amazon SES. Experience with Python (Flask, SQLAlchemy), PostgreSQL, Javascript (AngularJS), CSS (Sass).

Residential Computer Consultant, Stanford — 2015 to 2017

Point person for all computing issues in a dorm. Also plan dorm events, build and manage community, act as a leader and mentor to students.

Web Editor and Radio Producer, Stanford Storytelling Project — 2014 to Present

Manage public-facing website and podcast, as well as internal web workflow for arts group that produces a narrative radio show. Migrated website from Joomla to WordPress. Experience with Python scripting, HTML, CSS, as well as with the editing and production of radio stories.

TECHNOLOGIES (A SAMPLING)

- Proficient: Python, Flask, JavaScript, AngularJS, HTML, CSS, Sass, Git, SQL
- Experienced: C++, C, Java, D3.js, jQuery, Node.js, Express, Ruby, Rails, Scikit-learn
- Familiar: PHP, Matlab, R, Pandas, NLTK, SQLAlchemy, MongoDB