

# Anna Sedlar

## Web Developer

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### Tech Skills

#### Front-End:

Javascript  
React.js  
Redux  
Node.js  
Angular  
HTML, CSS  
Bootstrap, SASS  
Responsive Design

#### Back-End:

Node.JS  
Express  
Python  
MySQL  
Sequel Pro  
Express.JS

#### Development Tools:

Git  
GitHub  
SourceTree  
Amazon Web Services  
Chrome Dev Tools  
Agile Development  
UI/UX principles

#### Community:

Girl Develop it  
Women Who Code Atlanta

### Projects

**Group Video Translation App** – Allows groups to upload, view, and translate videos in an organized manner. Node, Express, and MySQL used to build the backend, Angular on the frontend. Completed to assist San Francisco-based non-profit New Story ([www.newstorycharity.org](http://www.newstorycharity.org)) to organize video translation within their team.

**Upd8ed** – A news aggregator pulling multiple news sources into one convenient site. Built in React, our group utilized APIs from The News API, yahoo! Finance, and Open Weather to collect data.

**What to Watch** – A searchable, filterable movie database app pulling data from The Movie Database API. This project has undergone 5 iterations, fully re-written each time a new technology is learned including Express, React, and MongoDB to practice and understand variant factors between iterations.

### Education

#### **RMOTR Advanced Python Programming**

3/17 – 4/17

Intensive immersion course on Web app development with Flask in a practical curriculum focused on HTTP concepts and RESTful API design. Includes group projects such as a mock Twitter API and a Hacker News-style job board. Recipient of Women Who Code Scholarship.

#### **DigitalCrafts Full-Stack Web Development Boot Camp** *Atlanta, GA*

11/16 – 3/17

Top-rated Immersive Program covering the most relevant web technologies and best-practice methodologies to build fully functional web applications. Topics include HTML, CSS, Bootstrap, Javascript, jQuery, React, Node.js, Express, MySQL, and Python. Curriculum designed to prepare students for work as full-stack developers and software engineers.

#### **University of Michigan** *Ann Arbor, MI*

2010 – 2014

B.S. Earth and Environmental Sciences

Study Abroad: **Chiang Mai University** – *Chiang Mai, Thailand*,  
**Charles University** – *Prague, Czech Republic*

### Previous work experience

#### **Program Coordinator – University of Michigan Department of Mathematics**

1/16 – 9/16

Managed the launch of the new Michigan Center for Applied and Interdisciplinary Mathematics (MCAIM) expected to achieve national prominence in the field of mathematics. Organize, plan, and host events to engage a broad community of Science, Math, Technology, and Engineering students and scholars on campus and nationwide. Publicize and direct social media and outreach.

#### **Assistant Instructor – University of Michigan Math and Science Scholars**

2010 – 2015

Assisted intensive summer field-based classes for exceptional high school students. Courses covered proper research methods and techniques, data collection and analysis. Taught topics including geologic processes, wetland ecology, in-vitro protein isolation and assay, and data modeling.

#### **Research Assistant – Ecological Biodiversity Lab, Sustainable Biofuels Experiment**

9/14 – 5/15

Performed lab procedures to examine which combinations of algal species promote the greatest biodiversity and the highest potential to produce sustainable biofuels. As Education and Outreach Manager, directed the publicity and advertising of the work and success of the lab.