

# Lexie Brown

## Computer Scientist

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## Skills

**Web Development:** HTML, CSS (Materialize CSS, Bootstrap), MEAN Stack (MongoDB, Express, AngularJS, node.js), jQuery, JSON, REST APIs

**Application Development:** Java, C++, MySQL, Amazon Web Services (Alexa, Lambda)

**Data Science:** Python (NumPy, pandas), R

**Tools:** Git, Bash, LaTeX, Postman

## Projects

### Unnamed music programming language – *In-progress*

Designing a programming language in Java where a user can code a simple music composition. Researching best programming language design practices for maximum user friendliness.

### European Investment Map – *Fall 2017 – Spring 2018*

Created a dynamic map of European businesses for the European American Chamber of Commerce in the Greater Cincinnati region. Developed with a JavaScript library called Leaflet and OpenStreetMaps.

## Leadership

FALL 2015 - SPRING 2017

### Lockheed Martin Leadership Institute – *Oxford, OH*

Chosen from the entire freshman class of the College of Computing and Engineering to join a 20 person cohort. Developed transformational leadership skills through semester long projects. Organized a weekend long event attended by over 100 business men and women in leadership roles across the state of Ohio.

SPRING 2016

### LeaderShape Leadership Institute – *West Harrison, IN*

Attended 6-day summit to enhance personal vision, core values, and leading with integrity.

## Education

FALL 2018

### Indiana University, Bloomington, IN – *Non-Degree Program (part-time)*

Coursework: Linear Algebra

FALL 2014 - SPRING 2018

### Miami University, Oxford, OH – *Bachelor of Science in Computer Science*

Coursework: Web Services & Service Oriented Architectures, Software Requirements, Operating Systems  
Experience: volunteered 20 hours of community service per semester, held 2 TA positions, held part-time customer service work, held treasurer position