

# John Oberlin

Data science graduate student with cybersecurity focus at the University of Maryland Baltimore County. Hands-on experience with data collection, extraction and transformation, fundamental exploratory analysis, and web development. With a background in journalism and education, brings solid communication skills, such as interviewing, research, writing, and editing.

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## EDU

### Data Science Master of Professional Studies

University of Maryland Baltimore County, Rockville MD

2019-01 - 2020-05

### Teaching English as a Second Language Master of Art

Kent State University, Kent OH

2011-06 - 2012-12

gpa: 4.00

### Journalism and Mass Communication Bachelor of Science Degree

Kent State University, Kent OH

2002-08 - 2006-12

## WORK

### Generate Unknown Emails from Known

Using pandas lib, Python imports CSV, identifies email username pattern from target's associate's info, and concatenates target's email.

github

### Provide Schema Crosswalk

JSON document provides crosswalk between REST API's JSON schema and software's XML schema for software import.

github

### Analyze Order Fee Distribution

Google Sheets adjusts for inflation across 9,000 order fees, identifies outliers, and renders histogram charts.

github

### Analyze Order Volume History

Using pandas lib, Python runs logic on orders' order and completion date to calculate active orders per day.

github

### Lift Lyft

JavaScript Chrome extension scrapes driver's Lyft receipt page and displays it in tabular format for quick copy-paste into spreadsheet.

github

### Knowledge Base

YAML document organizes original code snippets, such as regular expression extraction with Google Sheets and web scraping with Python.

github

## SKILLS

arabic

BI visualization tools

data analysis

data wrangling+cleaning

HTML/CSS

JavaScript

key-value stores

Python

regular expressions

spreadsheets

SQL

writing+editing