

# Matthew Ye

matthewye98@gmail.com | 240-750-3114 | matthewye98.github.io

## EDUCATION

### UNIVERSITY OF MARYLAND COLLEGE PARK

BS | INFORMATION SCIENCE  
College of Information Studies  
GPA: 3.88/4.0

BS | PSYCHOLOGY  
College of Behavioral and Social  
Sciences  
GPA: 3.88/4.0

## COURSEWORK

### UNDERGRADUATE

Object Oriented Programming  
Data Science  
Data Visualization  
Database Design  
User Centered Design  
Web Development  
Social Psychology  
Psychology of Learning and Behavior  
Research Methods

## SKILLS

### PROGRAMMING

Python  
R  
Pandas HTML  
CSS  
JavaScript  
MySQL  
Git

### TOOLS

Visual Studio • Atom • Tableau •  
Adobe Photoshop • RStudio • JASP

### CERTIFICATIONS

Social Behavioral Research - CITI  
Program (exp. Feb 2022)

## ACTIVITIES

### UNIVERSITY OF MARYLAND

Multicultural Association of  
Psychology Students  
•Executive Board Member

College Park Scholars - Science &  
Global Change Fundraising  
Committee  
•Co-founder

## EXPERIENCE

### UMD - CONFERENCES & VISITOR SERVICES

#### ASSISTANT OPERATIONS & IT MANAGER

Jan 2019 – Present | College Park, MD

- Responsible for the front-end development of numerous websites and aided in updating current websites to ADA compliance
- Help in the development of software and scripts, including SQL Database upkeep
- Provide desktop support to students/professional staff and participate in IT training

### UMD - DEPARTMENT OF RESIDENT LIFE

#### CUSTOMER SERVICE SUPERVISOR

Aug 2018 – Present | College Park, MD

- Supervise a 24-hour Residence Hall service desk and a staff of 13 Community Assistants
- Responsible for holding weekly meetings, perform staff evaluations, execute job action, develop schedules, and train employees on job duties
- Ensured the safekeeping of over 300 keys, student mail + packages, and confidential student information in accordance with FERPA
- Assist in unique troubleshooting scenarios within tight time constraints

## PROJECTS

### VARIOUS DATA ANALYSIS PROJECTS Sept 2018 - Dec 2018 | College Park, MD

As part of an Advanced Statistics and Data Science course, completed numerous data analyses using R and Python. Tasks involved:

- Import, clean, restructure, and subset data for proper analysis
- Create hypotheses and understand the importance and context around the problem domain
- Extract and analyze information from data using Chi-square, T-tests, and Single and Multiple OLS Regressions

### DYNAMIC WEB APPLICATION Aug 2019 - Dec 2019 | College Park MD

Worked with a team in an agile dev environment to create a dynamic web application to identify healthy and compliant restaurants in PG County, MD. Tasks involved:

- Use HTML/CSS to develop attractive front-end framework.
- Use Node.js and Express to develop back-end
- Use Javascript to fetch data from external API and present it to users in a meaningful way

### DATABASE DESIGN AND MODELING Jan 2019 - May 2019 | College Park, MD

Work with a team to design and create a relational SQL database that tracks and stores data on mass shootings in the United States. Tasks include:

- Import and clean data from public data set using MS Excel
- Create logical design, identify primary and foreign keys, create table and column names, create code tables
- Create SQL queries and Views to answer interesting information problems