

Jonathan Z. Butz

<https://www.linkedin.com/in/jzbutz/> | (301) 461-8201 | jzbutz@gmail.com | <https://jonathanbutz.com/>

EXPERIENCE

The University of Maryland

College Park, MD

IT Coordinator

May 2022 – Present

- Administer and support desktop systems and maintain services for the Office of the President, the Office of the Senior Vice President and Provost, and the Office of the Vice President for Administration and Finance.
- Set up, secure, and troubleshoot OS/X and Windows desktop and laptop computers.
- Create standard workstation images and utilize image deployment technologies.
- Troubleshoot networking-related issues involving both workstations and mobile clients.
- Establish and document procedures to ensure IT efficiencies across all supported areas.
- Train constituents to use technology effectively in the performance of their duties.

The Universities at Shady Grove

North Potomac, MD

OIT Service Desk Student Technician

July 2021 – April 2022

- Support technology needs of faculty and students. Installation and troubleshooting for enterprise workstations, printers, scanners, copiers, projectors, smartboards, speakers, VoIP, and teleconferencing hardware.
- Installation and troubleshooting for enterprise software, hypervisors, VPN's, MS Office, teleconferencing, and various common and specialized software based on teaching needs.
- Resolved tickets with TOPdesk. User management in Active Directory while ensuring best security practices.

EDUCATION

University of Maryland, College Park

Shady Grove, MD

Bachelor of Science in Information Science

May 2022

- GPA: 3.669/4.00, Deans List (Fall 2020, Spring 2021, Fall 2021), Data science specialization.
- Recipient of the Edith Nourse Rogers STEM scholarship (Amount Awarded: \$30,000)

Montgomery College

Germantown, MD

Associate of Arts in Information Systems

May 2020

LANGUAGES, TECHNOLOGIES & SKILLS

- Languages: Python, R, SQL, Excel, HTML/CSS, PHP, JavaScript.
- Technologies: pandas, scikit-learn, NumPy, BeautifulSoup, matplotlib, seaborn, Jupyter Notebook, MySQL, Git, RStudio, Bootstrap 4/5, TOPdesk, HDA, Zendesk, Active Directory.
- Skills: Data Cleaning, Data Wrangling, Data Analysis, Text Analysis (Topic Modeling, regex), Web Scraping, Unsupervised/Supervised Machine Learning.

PROJECTS

Impact Analysis for IMDB Scores

<https://github.com/jzbutz/IMDB-Analysis>

- Creates a regression model and determining if the model explains variation in IMDB review scores.
- Uses R to subset Kaggle dataset and perform multiple linear regression analysis.
- Output correlation/covariance, regression diagnostics and model visualizations with stargazer and R.

Store Sales Predictive Analysis

<https://github.com/jzbutz/Store-Sales/blob/main/Store%20Sales.ipynb>

- Jupyter notebook that uses python and pandas to clean and merge 3 Kaggle datasets on store sales.
- Builds a multiple linear regression model using sklearn and statsmodels.
- Creates visualizations with seaborn and matplotlib to understand statistical significance & predict sales.

Portfolio Website & Community Accounting

<https://jonathanbutz.com/> <https://github.com/jzbutz/Community-Accounting>

- Modified Bootstrap 4/5 websites that use a PHP backend to send emails and automatic replies.
- Developed application using MySQL, HTML, CSS, and PHP that allows users to interact with backend database (portfolio website – my courses in the top right).
- Successful implementation of CAPTCHA by unpacking the JSON sent via Google's API.