

Bradley A. Newlon

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Education

West Virginia University, Morgantown, WV

Bachelor of Arts in Economics

Graduated May 2021

Minors in Computer Science and Statistics

Technical Skills

Programming Languages

Java, Python, C, JavaScript, C#, R, SQL

Frameworks

React, NextJS, .NET Core, Django

Operating Systems

Linux, Unix, Windows

Tools

Microsoft Office, Git, AWS, Digital Ocean

Professional Experience

Web Developer, Memorial Health System, Marietta, OH

August 2021 – Present

Worked with marketing team to maintain the health system's website. Migrated web server from an external Windows server to an internal Ubuntu server to reduce hosting costs. Extended website's custom-built CMS to improve usability. Created new micro-sites for special events as needed. Wrote payment processing API. Created a new web app for marketing to create simple flyers on the fly and streamline their workflow.

Niedermeyer Scholar, West Virginia University, Morgantown, WV

August 2018 – December 2020

Provided supplemental instruction for principles of microeconomics classes. Planned and led supplemental instruction sessions. Offered one-on-one tutoring sessions.

Programming Projects

Recipeze.net

June 2020 – Current

Built and maintained a recipe website designed to shorten user's grocery lists. Used bash scripts to automate deployment and server backups. Used Python to scrape and parse recipes for site. Used Django to create REST API. Used ReactJS to create a responsive and mobile friendly frontend.

Technologies used: Django, ReactJS, PostgreSQL, Nginx, Digital Ocean

Research Experience

Summer Undergraduate Research Experience, West Virginia University, Morgantown, WV Summer 2019

Mentor: Professor Alexander Lundberg

Researched feedback mechanisms on deep web drug markets. Used Python to scrape data. Used Python to build machine learning models. Used R to perform data analysis. Presented Research at symposium.