Jessica Gorr

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EDUCATION

West Chester University   West Chester, PA
Master of Science in Applied Statistics   *May 2025*
West Chester University   West Chester, PA
Bachelor of Science in Computer Science   *May 2023*

EXPERIENCE

Test Services Intern   May 2022 – Present
International Business Machines   *Poughkeepsie, NY*
- Streamlined dump management system by 30% and automated processes using JIRA and Python OOP practices.
- Implemented several test plans and coordinated testing for projects throughout the development cycle and provided accurate documentation of limiting factors in the code.
- Led communications between beta testing groups and enhanced the suite with improvements using various platforms such as GitHub, Linux, Slack, and PowerPoint.
- Conceptualized a new testing framework saving 4 hours per test through a technical leadership program Extreme Blue, involving aspects of Agile workflow, Design Thinking, and Product Management.
- Procured credentials such as Machine Learning Specialist, Data Fundamentals,and Data Science Foundations Lvl 2.

Women in STEAM Workshop Student Volunteer   October 21,22
West Chester University   *West Chester, PA*
- Designed multiple factor experiments and analysis plans for young women to perform and learn skills in statistics, focusing on t-tests and ANOVA analysis.
- Instructed students on analysis techniques and useful programs such as R, SPSS, and SAS to facilitate the analysis and how to communicate results effectively to an audience.
- Mentored students in various STEM fields in areas pertaining to computer science, mathematics, and computer engineering with stations and continued communication with outreach programs.

Information Technology Support Intern   June 2020 – August 2021
Saints Philip and James School   *Exton, PA*
- Instructed students on software programs such as: Microsoft Excel, Office, & PowerPoint, programming skills, typing, & basic components of the computer and how they work.
- Troubleshooted any technology issues within the school pertaining to hardware and software including laptops, smart-boards, servers, and programs.
- Redesigned school website and refreshed school website according to feedback from faculty and up kept with current events of the school and achievements of students.

NCAA Division II Varsity Women's Lacrosse   August 2019 – Present
West Chester University   *West Chester, PA*
- All-American Goalkeeper of the year 2023.
- Academic All-American 2022-2023, PSAC Scholar Athlete 2019-2023.

PROJECTS & RESEARCH

RamChat | *Python, Node.JS, React, PostgreSQL, Docker*   May 2023 – Present
- Developed a full-stack web application using with Node.JS serving a REST API with React as the front end.
- Implemented a chat service and bot, trained using a supervised model, using university data.

RamPoll 2022 | *R,Python, Tableau, Git*   Fall 2022
- https://www.wcupa.edu/sciences-mathematics/mathematics/documents/Ram
- Developed a statewide PASSHE poll targeted towards college students and their opinions about the 2022 election in the state of Pennsylvania.
- Conducted analysis of survey data and published interesting cross-tabulations and key findings.
- Visualized data using Tableau and Excel, along with appropriate weights and Ad Hoc tests.

TECHNICAL SKILLS

Languages: Python, R, Java, C/C++, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, JUnit, WordPress, RESTAPI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code,R Studio, Tableau, Jira, Visual Studio, PyCharm
Libraries: pandas, NumPy, Matplotlib, scikit-learn, ggplot