Randi Howell

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SUMMARY

A thriving leader interested in using mathematics and critical thinking to push forward in the analytics and technology industry to improve decision making. Prior experience working with education technology demonstrates the ability to appropriately delegate, openly communicate, and manage accordingly. Experienced in interfacing with ITS divisions through the management of large technology environments. Keen understanding of the technical aspects of data analysis, with the proven ability to effectively communicate the trends and projections to both technical and non-technical audiences. Looking to apply my professional experience and expertise of data analytics and visualization to maximize scalability.

TECHNICAL SKILLS

Adept knowledge of industry tools like Python, Pandas, Excel, and Tableau. Skilled with front end web development including HTML, CSS, Bootstrap, Javascript, and Flask.

Additionally, am proficient with the following: MS Office, Outlook, Prezi, Wordpress blogging, Latex, AutoCad, Adobe Indesign, Adobe Photoshop, Adobe Acrobat Pro, Mac and PC, Blackboard, Pearson MyMathLab, Panopto, Google Sites and suit.

PROJECTS

UNSOLVED MURDER DATABASE
- Website built to illustrate US unsolved murders statistics and information.
- Utilizes HTM, CSS, Flask, SQL, Javascript, D3 visualizations

ACADEMY OF PY
- Analyzes the district-wide standardized test results for math and english.
- Examines the test results as it relates to grade, subject, enrollment and school.
- Utilizes Jupyter Notebook, Python, Pandas, Numpy, and Matplotlib

EXPERIENCE

Program Coordinator (August 2016 – Present)
Central Piedmont Community College
- Maintain ITS interfacing for six locations (~500 thin clients/cloud-based machines)
- Recruit interview, schedule, and approve payroll for approximately 50 direct reports
- Developed series of interactive online trainings and implemented training protocols
- Maintain budget of $300,000+ annually with budget reporting
- Gather and analyze student data for the division

Adjunct Instructor (January 2015 – Present)
Central Piedmont Community College
- Teach technology-centered courses
- Implemented iPad based math courses
- Ensure course material and content was ADA compliant
- Maintain a safe and effective learning environment for all students

EDUCATION

Data Analytics and Visualization Certification, UNC-Charlotte	Aug. 2018
M.A. in History, Charlotte, NC, UNC-Charlotte	Dec. 2016
B.A. in History, Charlotte, NC, UNC-Charlotte	Dec. 2014
B.A. in Mathematics, Spartanburg, SC, UNC-Charlotte	May 2013

OTHER

Part-Time Faculty Certification	2015
Microsoft Office 2013 Certificates	2016
Blackboard Certificate	2017
Managers' Academy	2017
Dimensions of Leadership	2017
Learning Community: Research and Publication – Co-Facilitator	2017 – Present

REFERENCES

References available upon request