John Wittle – CTO and System Administrator
Edstar Analytics
165 River Sound West Jefferson, NC 28694
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A. *Professional Preparation*

- Knox College**,** 2014

B. *Professional Certifications*

- Linux Foundation Certified System Administrator

C. *Professional Experience*

Systems Administrator and IT Director, Edstar, Inc.   May 2010 - present.

- Systems Administrator and Director of Information Technology. Maintain Edstar's UNIX servers,
- Created and supported Learning Management Systems for grant-funded programs that served 20 North Carolina school districts,

- Created software as a service tools for school counselors to use to guide them through the data-driven decision process of the American School Counselor Association (ASCA) National Model,

- Created an online secure data system for North Carolina Legal Aid to collect legal and social-work service data,

- Creates and supports customized websites to house online data collection systems for each evaluation job.

- Provides IT support to Edstar employees

John Wittle has been an integral part of Edstar Analytics since 2011, bringing extensive expertise in system administration, web programming, and cybersecurity. As the CTO with a strong technology background, John harnesses state-of-the-art technology to elevate our offerings.

- **Cybersecurity and Systems Management:** Continuously studies and applies the latest cybersecurity practices to fortify our websites and internal systems, safeguarding sensitive data and client information against evolving cyber threats.
- **Web Programming and UNIX Administration:** Proficient in programming languages such as Python, PHP, and Ruby, John develops secure online data collection methods and innovative solutions, including generating documents from prompt responses.
- **Learning Management Systems (LMS):** Configures and customizes LMS platforms like Moodle to meet project-specific needs or tailor online professional development programs.

- **Technology Equipment and Support:** Procures and sets up cutting-edge technology equipment, swiftly addressing technical issues to ensure minimal downtime and sustained team productivity.
- **Client and Team Support:** Provides technical insights during client meetings and contributes to our digital educational content with YouTube tutorials.

John's extensive skill set and alignment with Edstar Analytics' technology-driven ethos render him an indispensable member of our team, ensuring that all technological aspects of our projects are managed with precision and professionalism.

D. Selected Program Evaluations
- **2 GEAR UP Statewide Grants**: Member of a team delivering evaluation services for GEAR UP programs in North Carolina and Mississippi, with each project receiving around $27,000,000 over a span of seven years from the Department of Education. (2013 – present)

- **3 DoDEA STEM and Literacy Grants**: Member of a team evaluating three Department of Defense Education Activity (DODEA)-funded grants, each with a budget of $2,000,000 over five years, aimed at enhancing STEM and literacy education. (2018 – present)

- **1 NSF ATE Grants**: Member of a team currently evaluating the grant for North Carolina's Edgecombe Community College for which we helped write the grant. (2023 – present)

- **1 NSF ExLENT Grant**: Experiential Learning for Emerging and Novel Technologies (ExLENT) grants for Miracosta Community College (2023 – present)

- **2 DOE HBCU Master's Degree Program Phase I and Phase II**: Member of a team providing evaluation services for DOE HBCU STEM initiatives, with a budget of $1,700,000. The Phase II grant is just beginning. Both phases include undergraduate research projects. (2017 – present)

- **1 ED NASANTI Grants**: Member of evaluation team for the University of North Carolina at Pembroke, with each grant valued at $2,000,000 over five years. This grants all include undergraduate research projects. (2019 – present)

- **2 AmeriCorps Grant**: Engineered secure data collection systems for AmeriCorps research. Developed custom survey platforms. (2023 – present)

E. Skills

- Advanced proficiency in **Python**, **PHP**, **Ruby**
- Expertise in **Linux** and **UNIX** administration
- Strong knowledge of **cybersecurity** practices
- Experienced in configuring and managing **Learning Management Systems (LMS)**
- Proficient in developing secure **online data collection methods**
- Effective in providing **technical support** and **troubleshooting**