Christopher Jordan Wallace

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TECHNICAL SKILLS

Languages: Python, C++, SQL, MATLAB, JavaScript, Typescript, HTML/CSS
Frameworks & Libraries: TensorFlow, Scikit-Learn, Pandas, Numpy, Django, Angular, React
Miscellaneous: Tableau, Power BI, SolidWorks, AutoCAD, Microsoft Office

WORK EXPERIENCE

Software Implementation Engineer   **June 2022 - Present**
Landis+Gyr   *Alpharetta, GA*

- Developed SQL, PowerShell, and Python scripts for troubleshooting, automation, network monitoring, and process enhancement on a variety of production environments containing an aggregate of over 5 million network devices and field modules within mesh networks.
- Ensured a 99.5% efficiency rate to meet 3 separate service level agreements for multi-million-dollar project closeouts using network analytics to optimize deployment zones.
- Analyzed and resolved issues pertaining to IIS, Web API, or RESTful services through utilization of IIS and application logs to determine 80+ different root cause analyses.
- Structured and conducted technical interviews on SQL and analytics for the hiring process.

Web Developer   **September 2023 - Present**
Fire & Hammer Connect   *Milton, GA*

- Transformed complex design blueprints into user-centric, interactive web experiences, significantly boosting customer engagement and driving increased web traffic.
- Engineered sophisticated and responsive web layouts using HTML, CSS, and JavaScript, ensuring an optimal user experience for 10+ non-profit organizations and small businesses.
- Identified and resolved web application bugs and performance issues, leading to enhanced system efficiency and reliability, and elevating overall user satisfaction.

Engineering Intern   **May 2021 - August 2021**
Ametek (CSI Heat)   *Pineville, NC*

- Designed product installment protocol standards and creation of technical documentation for a new company thermal tracing product - TraceBOOST.
- Utilized SolidWorks CAD and Excel to design and model simulated configurations for thermal piping solutions.
- Conducted product evaluations such as snoop and burst testing to assess stress and tolerance factors for various product solutions to assess supply chain product selections.

EDUCATION

M.S. in Computer Science   **May 2025 (Expected)**
Georgia Institute of Technology   *Atlanta, GA*

B.S. in Mechanical Engineering   *May 2022*
Clemson University   *Clemson, SC*

- Track and Field Athlete (2018-2020)
- Track and Field Assistant Coach (2020-2022)

PROJECTS

- **Michelin Senior Capstone:** Simulated the conceptual design of an automated gantry system capable of maneuvering rubber mats within the manufacturing facility by utilizing kinematic calculations, machine learning algorithms, and finite element analysis.
- **Injection Molding ML:** Created a predictive spectral clustering python model to analyze multivariate sensor metrics within injection molding to assess their structural integrity to 95% accuracy.