Logan Bolton

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EDUCATION

Auburn University - Auburn, AL
- Academic GPA: 3.7
- Computer Science Major
- Expected Graduation: August 2025

Technologies/Frameworks
- Python, PyTorch, Scikit-learn, Javascript, Jupyter, NodeJS, C#, ASP.NET, SQL, HTML/CSS

Certifications
- Azure Fundamentals (AZ-900) - Microsoft Certification in Cloud Computing

PROFESSIONAL EXPERIENCE

Campus Web Solutions - Full Stack Web Developer Co-Op   2022 - Present
- Developed, and maintained support for 30+ of Auburn University's most used web applications
    - Created additional features and fixed bugs on Auburn's Football Ticketing System, Auburn's SGA Voting System, and Auburn's Central Event Planning System
- Created new development environments for legacy projects allowing for faster development of new features
- Modernized three ASP.NET legacy Web Forms apps from scratch to use more modern versions of the ASP.NET framework

City of Dothan Information Technology Intern   Summer 2022
- Provided technical support to 300+ city employees and over 1,200 managed devices
- Managed server connections and resolved hardware issues for city employees

PROJECTS

Facial Recognition Model   2024
- Developed a YOLOv5 model for facial recognition using a publicly available dataset of 1,000+ images
- Trained the model to quickly recognize individual faces in live video feeds even with obscured facial regions

Twitter Disaster Prediction Model - Kaggle Competition   2024
- Classified if tweets were referencing real world disasters or not using a fine tuned BERT model
- Removed duplicate and irrelevant data to ensure high-quality input for the model
- Achieved 83% accuracy on classification and ranked in the top 10% of thousands of contestants

Markdown Notes to PDF Converter   2024
- Forked the popular open source project "md-to-pdf"to implement a custom solution to convert all of my personal markdown notes from various classes into one combined pdf automatically
- Automatically found all markdown files in a folder, made sections based off of subdirectories and then recursively combined all the subdirectory groups back together into a singular organized PDF file

ACTIVITIES

Greek Life
- IFC Cabinet - Director of New Member Experience   2022 - 2023
    - Gave freshmen orientation presentations about Greek life to parents and students that resulted in the largest recorded amount of new members joining Greek life for Auburn University
- Head of Recruitment and Growth for Alpha Sigma Phi - Zeta Psi Chapter   2022 - 2024
    - Organized the schedule and $10k+ budget for Summer and Spring recruitment of 2022 & 2023
    - Created a new organizational structure for the recruitment board to more efficiently delegate responsibilities between the 12 board members