

Will Humphlett

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Education

Auburn University	Auburn, AL
Bachelor of Software Engineering	May 2023
GPA: 3.81/4.00	

Programming Languages & Skills

Python, Java, C, C++, Bash, HTML, CSS
Linux, AWS, Git, GitHub, Docker, Pytest, Robot Framework, REST APIs, Django Web Framework, Continuous Integration, Jenkins, GitHub Actions, Agile, SaaS

Work Experience

Cooperative Education Student, ADTRAN

Feature Development Team	Summer 2021
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- Led the effort to upgrade the codebase from Python 2 to Python 3
- Created modern infrastructure and oversaw its development by several international teams
- Developed features for ADTRAN's customer-facing management software

Developer Experience	Fall 2020
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- Profiled and improved continuous integration pipelines to shorten execution times by up to 50%
- Created and improved in-house tools to improve the development of software company-wide

Broadband System Testing	Spring 2020
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- Wrote and maintained system-level tests to ensure the quality of multiple internet infrastructure products
- Created multiple pipelines to implement continuous integration to aid in better development practices

Research Assistant, Auburn University Department of Mathematics and Statistics

Machine Learning Developer	August 2021—Present
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- Performing data collection and sanitization to aid in training a neural network to predict the outcomes of NBA games based on recent team performance

Freelance Software Developer

Pricing and Sales Automation Software Developer, Zinc Group	March 2020—Present
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- Created a web app to aggregate in-house pricing data to generate sales sheets
- Reduced labor requirement for pricing from six hours to five minutes

Corporate Compliance Software Developer, IT-Baseline	August 2021—Present
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- Building a web app to ensure corporate adherence to Sarbanes-Oxley and the COSO standard
- Adding functionality to enable any corporate standard to be tracked and auditable

Personal Projects

People's Advisor, Open Source Project	May 2020—Present
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- Created and maintained an open-source framework to allow others to develop, test, and deploy algorithmic trading strategies in the Foreign Exchange market

Six Degrees of ADTRAN, Hackathon Project	Fall 2020
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- Aggregated Jira collaboration, GitHub collaboration, and company structure to map relationships
- Created frontend with Django framework

Honors/Awards/Activities

Dean's List	Fall 2018, Spring 2021—Present
Honors College	Fall 2018—Present
Presidential Scholar	Fall 2018—Present
Auburn University Marching Band	Fall 2018—Present