

Will Humphlett

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Education

<i>Auburn University</i>	Auburn, AL
Bachelor of Software Engineering	May 2023
GPA: 3.86/4.00 (In Major 4.00/4.00)	

Programming Languages & Skills

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

Work Experience

Software Intern, Roblox

<i>Data Infrastructure Developer</i>	May 2022—Present
<ul style="list-style-type: none">Developed a scalable analytics platform serving 1 million developersUsed cutting-edge techniques (such as HyperLogLog/++) to enable scalable and fast metric calculationReduced annual costs for the existing platform from \$5 million to \$20 thousand	

Cooperative Education Student, ADTRAN

<i>Feature Development Team</i>	Summer 2021
<ul style="list-style-type: none">Led the effort to upgrade the codebase from Python 2 to Python 3Created modern infrastructure and oversaw its development by several international teamsDeveloped features for ADTRAN's customer-facing management software	

<i>Developer Experience</i>	Fall 2020
<ul style="list-style-type: none">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	

<i>Broadband System Testing</i>	Spring 2020
<ul style="list-style-type: none">Wrote and maintained system-level tests to ensure the quality of multiple internet infrastructure productsCreated multiple pipelines to implement continuous integration to aid in better development practices	

Freelance Software Developer

<i>Pricing and Sales Automation Software Developer, Zinc Group</i>	March 2020—May 2022
<ul style="list-style-type: none">Created a web app to aggregate in-house pricing data to generate sales sheetsReduced labor requirement for pricing from six hours to five minutes	

<i>Corporate Compliance Software Developer, IT-Baseline</i>	August 2021—May 2022
<ul style="list-style-type: none">Building a web app to ensure corporate adherence to Sarbanes-Oxley and the COSO standardAdding functionality to enable any corporate standard to be tracked and auditable	

Personal Projects

<i>People's Advisor, Open Source Project</i>	May 2020—Present
<ul style="list-style-type: none">Created and maintained an open-source framework to allow others to develop, test, and deploy algorithmic trading strategies in the Foreign Exchange market	

<i>Six Degrees of ADTRAN, Hackathon Project</i>	Fall 2020
<ul style="list-style-type: none">Aggregated Jira collaboration, GitHub collaboration, and company structure to map relationships	

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