

Will Humphlett

github.com/wumphlett
will@humphlett.net

linkedin.com/in/willhumphlett
willhumphlett.com

Education

Auburn University
Bachelor of Software Engineering
GPA: 3.86/4.00

Auburn, AL
May 2023

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

Data Infrastructure Developer

May 2022—Present

- Developed a scalable analytics platform serving 1 million developers
- Used cutting-edge techniques (such as HyperLogLog/++) to enable scalable and fast metric calculation
- Reduced annual costs for the existing platform from \$5 million to \$20 thousand

Cooperative Education Student, ADTRAN

Feature Development Team

Summer 2021

- 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

- 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

- 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

Freelance Software Developer

Pricing and Sales Automation Software Developer, Zinc Group

March 2020—May 2022

- 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—May 2022

- 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

- 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

- 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