Connor Parnell

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EXPERIENCE

LTN Global — Remote, USA
Software Engineer — 2022 - Present

- Designing and automating video networking and encoding validation processes on broadcasts delivered to millions in Europe and the Americas.
- Architecting and developing a tool that automatically monitors ad insertion across affiliate news channels, ensuring timely advertisements for more than a million viewers.
- Developing and maintaining CI/CD pipelines in Gitlab for hundreds of test cases spanning multiple products.

CSG International — Chicago, IL
Test Automation Engineer — August 2021 - March 2022

- Architected test plans and implemented UI and API automation test suites for Ascendon, a product used by Fortune 500 customers to bundle and sell digital services.
- Developed and maintained CI/CD pipelines for Acendon product in Jenkins.

CSG International — Chicago, IL
Test Automation Engineering Intern — June 2021 - August 2021

- Implemented all-encompassing UI automation tests in C# Selenium for CSG Forte, a digital payment product.

Wi-Tronix, LLC — Bolingbrook, IL
Software Development Intern — June 2020 - January 2021

- Developed full-scale automation of testing for a live data monitoring dashboard that is used to track realtime safety and efficiency metrics for trains. Automated testing led to a 30% decrease in data inaccuracy and a 20% decrease in dashboard downtime.
- The deployment of this dashboard to national rail companies led to a significant increase in rail safety and efficiency.

PROJECTS

Business Ops Database & Visualization Pipeline *mySQL, Tableau, Python*

Developed an end-to-end pipeline solution allowing customer to upload forms which are automatically parsed, inserted into a mySQL database, and visualized in Tableau. The database was designed to retrofit to 15 years of historical data. This solution provided the client, a regional used-car dealer conglomerate, over 100 saved hours a year in database management. Visualizations led to business insights previously untapped by the business.

Honeycrisp — https://github.com/cpparnell/honeycrisp

A minGPT model built in Apple's MLX array framework.

Other — https://github.com/cpparnell

Check out my GitHub for all the cool things I work on!

EDUCATION

University of Illinois — Urbana - Champaign, IL
BS Computer Science *GPA: 3.1* — August 2018 - May 2022

SKILLS

Programming Languages:	Python, C++, C#, JavaScript
Frameworks/Libraries:	FFmpeg, Playwright, Selenium, React/NextJS