

Julian Henry

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Experience

Software Engineer May 2023 - Current
AGCO, Duluth, GA

- Validate IoT infrastructure serving 140 countries worldwide via Python pytest, Docker & Postman.
- Ensure engineering device availability using AWS DynamoDB, ECR, API Gateway and Lambda.
- Implement Angular.JS features for the Fendt.One software, benefiting over 10,000 farmers globally.

Full Stack Web Developer September 2022 - May 2023
Glisten Systems, Austin, TX

- Integrated legacy websites with Angular Universal to improve initial load time and SEO.
- Increased organic traffic to client websites over 280% by optimizing inbound links with Google AdSense.
- Executed user stories in Agile development environment: sprint planning, stand-ups, and retrospectives.

Data Science Engineer August 2020 - August 2022
SimSpace Corporation, Boston, MA

- Spearheaded a microservices refactor of machine learning pipeline, resulting in a 10x decrease in latency.
- Researched artificial intelligence techniques to detect cyber-crime in a 30,000+ line Python codebase.
- Interviewed over 50 data science candidates, leading to three hires and mentored new colleagues.

Assets and Liabilities Intern June 2019 - May 2020
Transamerica Corporation, Baltimore, MD

- Audited risk mitigation algorithms, leveraging numpy, sklearn and pandas in a 10,000+ line codebase.
- Achieved 99.7% fidelity between portfolio and software simulation for funds totalling over \$6 billion.

Software Engineer, Intern May 2018 - June 2019
Penngo Group, Houston, TX

- Created React websites for small businesses, ensuring a seamless experience across mobile and desktop.
- Presented regular updates on technical details to non-technical stakeholders for deals involving \$50,000+.

Education

Bachelor's of Applied Science: Computer Science - University of Pennsylvania, PA May 2020

Skills

- Languages: Python, Java, JavaScript, C++, HTML, CSS
- Databases: SQL (PostgreSQL), NoSQL (MongoDB), Neo4J
- DevOps: Amazon Web Services, Github, Linux, Jira, Agile

Language

English
Native

Spanish
Fluent

Portuguese
Advanced