TAYLOR AISHMAN

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EXPERIENCE

DEPLOYMENT ENGINEER | PICKLE ROBOTICS | GREENVILLE, SC
July 2025 - Present

- Owned customer relationship, operator and trainer certification, fleet uptime/utilization, performance, and maintenance for deployed robotic systems across three facilities
- Led recurring program reviews and site updates with client site leadership and corporate/executive stakeholders, translating field performance into actionable roadmap feedback
- Oversaw day-to-day operations and Tier 2+ support for a multi-site fleet across three facilities with 24/7 operations, triaging incidents and coordinating resolution with remote support and engineering teams
- Coordinated deployment of field retrofits and software/hardware upgrades and provided structured feedback to Product, HRI, and R&D teams to improve reliability and operator experience
- Onboarded, trained, and mentored junior and contract Deployment Engineers; led a team of five engineers in-market to support current and future deployments

ROBOTICS IMPLEMENTATION ENGINEER | ARCBEST TECHNOLOGIES | FORT SMITH, AR
January 2025 - July 2025

- Oversaw the deployment and operation of robotic system in customer facilities
- Performed onsite and offsite diagnostics, troubleshooting, and repairs of deployed robotic units
- Developed and maintained documentation relevant to the ongoing support of present and future robotic deployments

SOFTWARE DEVELOPER INTERN | UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES | LITTLE ROCK, AR
May 2023 - December 2023

- Requested, processed, and warehoused over 2.4M Salmonella genomes stored on NCBIs servers
- Created data pipeline between NCBI and local storage/compute clusters via the ENTREZ API and Python/Bash automations
- Trained Hidden Markov Model off processed data for Salmonella detection and lineage tracing
- Created over 100 genome atlases for publication utilizing R and in-house library

RESEARCH ASSISTANT | HENDRIX COLLEGE DEPARTMENT OF CHEMISTRY | CONWAY, AR
May 2022 - September 2022

- Tested and analyzed efficacy of 8 experimental opioids in Schrödinger Software suite
- Parallelized experimental computations using Bash saving lab months of compute time
- Processed, sanitized, warehoused, and analyzed experiment results with Python to generate succinct reports on thousands of experiments
- Presented research findings at Furman University for an American Chemical Society symposium and at Hendrix College Parents Weekend

PUBLICATIONS

- Scott, C.E., Juechter, L.A., Rocha, J., Jones, L.D., Outten, B., **Aishman, T.D.**, Ivers, A.R., Shields, G.C. (2025). Impact of Intracellular Proteins on μ-Opioid Receptor Structure and Ligand Binding. Journal of Physical Chemistry B, **129**(1), 71–87. https://doi.org/10.1021/acs.jpcb.4c05214

EDUCATION

B.A. COMPUTER SCIENCE | AUGUST 2020 - MAY 2024 | HENDRIX COLLEGE, CONWAY, AR

SKILLS

PROGRAMMING LANGUAGES | Python | Rust | Haskell | R | Bash
DATA/ML | NumPy | Pandas | Hugging Face | PyTorch | SQL
TECHNOLOGIES | Fox Glove Studio | Linux | Docker | Git