Ashley Andruss

Software Engineer & Data Scientist

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For more information on skills, please visit **andrussart.com/about-ashley/**

linkedin.com/in/ashleyandruss/

SKILLS

Data Science & Analytics

- Machine Learning, Deep Learning, Data Visualization, SQL, Pandas, scikit-learn, TensorFlow, NumPy, Tableau, Power BI

Programming & Development

- Python, C++, R, MATLAB, Git, HTML, Data Structures & Algorithms

Computational Biology

- Genomic Data Analysis, Advanced Modeling, Biostatistics

Software Engineering

- System Architecture, Operating Systems, Cloud Computing

AI & Emerging Tech

- Neural Networks, NLP, Large Language Models, AI/ML Tools

PROJECTS

- Image-to-Image Translation Research in Medicine Using Deep Learning Methods for Low Field MRI (2025)
- Concept Map Development & Structure Lead for Data Structures & Algorithms (2024)

CERTIFICATIONS

- **HPE Data Science Institute:** Principles of Data Management (2025), Bioinformatics & NGS Data Analysis (2025), & PowerBI & Excel (2024)
- Energy Leadership Certifications (2023, 2024, 2025)
- **CITI Program:** Biomedical Researchers (2025), Social & Behavioral Responsible Conduct of Research (2025), Information Privacy & Security (IPS) (2025), COI in Research (2025), Students in Research (2019, 2024), & Human Research (2017)

REFERENCES

- Letter of recommendation(s) or work reference(s) can be provided upon request if required for a specific job application.

PROFESSIONAL SUMMARY

Aspiring software engineer and data scientist with experience in computational modeling, data visualization, and software development, bridging the gap between technological innovation and business impact. Skilled in Python, C++, and machine learning, with a background spanning marketing and business strategy. Brings 10+ years of experience in sales, management, and technology-driven roles, leveraging data-driven solutions to solve complex problems.

WORK EXPERIENCE

Double A Marketing, DBA, Andruss Art, LLC — 2022 - PRESENT

Founder

- Built a marketing consultancy, managing 20+ clients across construction, legal, real estate, data analytics, and life sciences industries.
- Designed and launched custom websites with SEO, branding, and UI/UX focus, driving a 300% increase in client inquiries.
- Led trade show planning and digital marketing campaigns, optimizing client acquisition and business growth.

StimulusBio — 2023 - PRESENT

Marketing Partner & Data Science Intern

- Conducted AI competitive analysis, assisted in the AI workflow, data science project requirements, and data processing for machine learning solutions.
- Increased brand visibility by launching digital marketing efforts, including website redesigns, SEO optimization, content creation, and doubling the social following in under a year.
- Managed trade show logistics and marketing collateral, enhancing brand visibility in life sciences.

Safespill — 2019 - 2022

Marketing & Sales Operations Manager

- Led global marketing efforts, increasing brand awareness across North America, Europe, and Asia, while managing key Fortune 500 and DoD clients.
- Grew social media audience from scratch to thousands organically, leveraging SEO, content strategy, and digital marketing to drive engagement.
- Optimized sales infrastructure, reducing sales cycle times by 35% through CRM automation, forecasting, and data-driven sales strategy.
- Expanded market reach, delivering technical presentations to NASA, Boeing, Lockheed Martin, commercial airlines, and domestic and foreign militaries.

EDUCATION

B.S., Computer Science — 2023 - JUNE 2025

Natural Sciences & Mathematics | University of Houston

- Minor: Bioinformatics in Biotechnology and Biomedical Sciences
- Awards: NSM Dean's List (Fall 2024)