

Jack O Jones

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The Colony, TX | (330) 464-0545

Software Engineer

Software Engineer with experience spanning AI prototyping, mobile development, robotics, and full-stack system design. Currently an Associate Software Engineer at Trellix, working on AI-driven tooling and platform automation. Graduated cum laude from The University of Texas at Dallas with a B.S. in Computer Science, where I developed strong foundations in machine learning and software engineering. Founder of Carousel Coffee LLC, designing and building a robotic coffee system integrated with a Flutter mobile application. Passionate about machine learning, robotics, and applied automation, with hands-on experience taking projects from concept to functional prototype.

WORK EXPERIENCE

Trellix • Associate Solutions Architect • Plano Texas • 6/2024 - Present

- Prototyped case prediction tool using logistics regression, custom neural networks, RAG, and Google Gemini.
- Prototyped a canary automated software testing program.
- Prototyped and tested new Salesforce features for our company.
- Gained a Salesforce Platform App Builder Certificate.

Carousel Coffee LLC • Founder & Managing Member • The Colony Texas • 1/2026 - Present

- Founded and incorporated a robotics startup focused on automated coffee preparation.
- Designed and built a robotic beverage assembly system capable of preparing drinks and sealing cups.
- Developing a cross-platform flutter (Dart) mobile application enabling customers to order drinks.

SKILLS

Salesforce Platform App Builder, Python, Java, C#, C/C++, TensorFlow, PyTorch, Pandas, SciPy, NumPy, OpenCV, SQL, Git, Unity, Linux, Dart, Flutter, JavaScript, HTML, CSS

EDUCATION

Bachelor's in Computer Science

The University of Texas at Dallas • Richardson, Texas, USA • GPA: 3.73 • Cum Laude 08/2019 - 12/2023

SALESFORCE CERTIFICATION

Platform App Builder

PROJECTS

Raytheon Drone Competition

Raytheon & University of Texas at Dallas • 09/2023 - 12/2023

- Collaborated with Raytheon and fellow students of various degrees to develop a drone and ground robot.
- Specialized in developing the computer vision system of the drone utilizing linear algebra, Python, and Linux.
- Successfully created a computer vision system that would find enemy ground robots and get the global coordinates and velocity of a ground robot.

Pipe Anomaly Detection

University of Texas at Dallas • 11/2023 - 12/2023

- Worked with a team on data generation and creating and training a deep learning computer vision AI system.
- Used a Convolutional Neural Network (CNN) deep learning algorithm to recognize damaged pipes.