AISHA EVERING

MACHINE LEARNING ENGINEER

CONTACT

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🌐 https://github.com/AishaEvering

🌐 https://aishaeportfolio.com

SKILLS

Software Development
- Languages: Python, Dart, Java, C#, Javascript, TypeScript, TSQL, JSON
- Frameworks & Libraries: React, OverReact, JQuery, Spring
- Git

Machine Learning
- Languages: Python
- Frameworks & Libraries: TensorFlow, PyTorch, Numpy, Pandas, Scikit-Learn, Matplotlib

Methodologies
- Agile

Version Control
- Git

CERTIFICATIONS

- MIT Applied Data Science
- AWS Certified Cloud Practitioner
- Datacamp Data Scientist
- Datacamp Data Scientist Associate

EDUCATION

Bachelors of Science
University of Advancing Technology
Concentration on Software Engineering
2001

Associates of Science
University of Advancing Technology
Concentration on Application Development
2000

Associates of Science
Texes State Technical College
Concentration on Laser Electro-Optics
1997

PROFILE

I have most recently dedicated my time to gaining various data science certifications and creating projects that showcase my skills. My priority is to become a Machine Learning Engineer. My passion is Machine Learning using Python, and my professional experience lies in Software Engineering, specializing in developing applications using a variety of technologies including Dart, C#, Java, and JavaScript. I am proficient in OverReact, an in-house version of React used with Dart, as well as JSON manipulation. I am eager to apply my strong analytical skills and programming expertise in a data-driven role.

PROJECTS

What Breed am I?
- Developed a feature extractor using PyTorch with an MNASNet backbone.
- Trained on the Oxford III Pet dataset.
- Achieved an impressive accuracy of 88%
- The model is compact, with the size of just 12 MB.
- Live Demo: https://aishae-whatbreedami.hf.space

Food Vision
- Developed a feature extractor using PyTorch with an EffcientNet backbone.
- Trained on the Food101 dataset.
- Experimented with both EfficientNet and Vision Transformer (ViT) as backbones.
- ViT provided higher accuracy, Efficient achieved good accuracy with a much smaller model size.
- Live Demo: https://aishae-foodvision-big.hf.space

Facial Emotion Detection
- Designed and trained Convolutional Neural Network models using TensorFlow to classify images based on the emotions depicted. Experimented with various architectures to enhance accuracy and performance.
- Utilized the accuracy metric due to the balanced nature of the dataset.
- Explored transfer learning techniques to enhance model accuracies.

WORK EXPERIENCE

Software Engineer

Workiva   2019-2023
- Develop, support, and maintain various aspects of the Workiva product, WDesk.
- Developed and maintained applications using OverReact, a Dart-based framework for frontend development, focusing on enhancing user interfaces and performance.
- Specialized in building a system of serializable components, serialized to JSON, to provide customers with a more customizable UI experience.
- Collaborate with Agile teams to deliver high-quality software solutions, participating in all stages of the development lifecycle.

Software Developer

US Airways / American Airlines, Inc   2010-2019
- Develop, support, and maintain USAirways.com and AA.com, focusing on enhancing functionality and user experience.
- Transitioned seamlessly from maintaining USAirways.com in a C#, ASP.net, and JQuery environment to maintaining AA.com in a Java environment using the Spring framework, following the US Airways and American Airlines merger.
- Adapted to changes in technologies and frameworks, demonstrating agility and proficiency in adjusting to new systems and languages.
- Collaborate within Agile environments to deliver high-quality solutions, ensuring alignment with business objectives and user needs.
- Contributed to the company's transition towards a Cloud-based environment by gaining proficiency in Serenity tests and Cucumber.

Software Developer

Royal Neighbors of America   2008-2010

- Develop, support, and maintain WPF and ASP.Net applications written in C# .Net versions 2.0 – 3.5.
- Designed and implemented the "Electronic Agent Welcome Kit," a WPF application that interfaces with a WCF service for document updates, facilitating efficient document management for insurance agents serving RNA customers.
- Collaborate with website redesign team to revamp three major public websites in RNA, focusing on enhancing user experience and functionality.
- Enhance Ajax functionality within website redesign projects to improve responsiveness and interactivity.
- Conduct in-depth analysis of legacy code to understand its functionality and facilitate seamless integration with redesigned websites.
- Provide training to business users on utilizing Sitefinity, the current CMS system, to manage website content effectively.
- Played a key role in the website redesign initiative, contributing to the enhancement of user experience and functionality across three major public websites.
- Enhanced Ajax functionality within website projects, resulting in improved responsiveness and user engagement.

Software Developer   2007-2008

Flypaper Studios Inc

- Developed, tested, and maintained windows and web applications for Flypaper, Flypaper Community, and Interactive Alchemy.
- Utilized Flex 3, .Net 2.0 C#, and ASP.Net to build externally facing 3-tier applications, ensuring robustness and scalability.
- Specialized in Flex 3 and ActionScript, owning and developing the Flypaper Dashboard using the Cairngorm pattern, a Rich Internet Application (RIA) for monitoring Flypaper user stories.
- Contributed to the success of the Flypaper Dashboard project, which was featured on www.insideria.com/2008/07/flypaper-pro-launches-with-pre.html.
- Continued development on the Flypaper Dashboard by adding new functionality and creating Flex components to enhance user experience and functionality.

Senior Software Developer   2006-2007

Altour Incentive Management

- Developed, tested, and maintained web applications for business solutions, focusing on reliability, scalability, and user experience.
- Specialized in .Net 2.0 C# and ASP.Net, building externally facing 3-tier web applications to meet business requirements.
- Enhanced classic ASP applications by adding Ajax functionality, improving interactivity and user engagement.
- Managed deployment of applications to various environments, ensuring seamless integration and functionality.
- Provided .Net and Object-Oriented Programming (OOP) training to team members, fostering skill development and knowledge sharing.
- Supported existing applications developed by other developers, troubleshooting and resolving issues to ensure continuous operation.

Programmer/Analyst

Intel   2000-2006

- Developed, supported, and maintained applications for business solutions, ensuring efficiency and effectiveness.
- Adapted to various technologies and methodologies, including learning Agile practices, to meet project requirements effectively.
- Successfully developed various business solutions, including ASP.Net web applications, Ruby web applications, C# windows services, C# web services, SQL databases, C# BizTalk orchestrations, and TSQL DTS packages.
- Gathered requirements, architected solutions, and developed applications, focusing on delivering high-quality results.
- Created branding and troubleshooting documentation to ensure clarity and ease of use for end-users.
- Deployed solutions to diverse environments, ensuring seamless integration and functionality.
- Provided training to stakeholders, facilitating adoption and proficiency with developed solutions.
- Offered third-level support, troubleshooting and resolving issues to minimize disruptions to business operations.
- Supported existing software developed by other companies or developers, ensuring ongoing functionality and compatibility.