

Vee Upatising

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Driven self-starter with hands-on experience in Software Engineering, Web Development and Database Management. I'm interested in developing Data Science and Machine Learning software applications.

WORK EXPERIENCE

Workera.ai – Palo Alto, CA

Software Engineering Test Developer

June 2020 - Present

- Developed standardized tests for Artificial Intelligence, Software Engineering, and Algorithmic Coding skills
- Performed quantitative analysis on test questions using test taker data

Fast Enterprises, LLC – Salt Lake City, UT

Implementation Consultant Intern

May 2019 - Aug 2019

- Developed software for the Vehicle and Dealer Registration System used by all DMV offices in Utah
- Performed Unit, Integration, and End-to-End testing within the VADRS program
- Managed databases and optimized queries using SQL in Microsoft SQL Server Management Studio
- Performed QA testing to fix critical production errors in a waterfall software development cycle
- Developed front end customer-facing web portal using VB.NET in Visual Studio

EDUCATION

University of Massachusetts Amherst

May 2020

Bachelor of Science in Computer Engineering, GPA 3.18

COURSEWORK

Machine Learning, Artificial Intelligence, Computer Vision, Data Science, Probability, Algorithms, Data Structures, Statistics, Software Engineering, Linear Algebra, Signals and Systems, Circuit Analysis

PROJECTS

[Interactive Generative Adversarial Network](#)

- Developed an interactive JavaScript web application that generates animated faces using Convolutional Neural Networks
- Designed Generative Adversarial Network architecture using Keras and TensorFlow in Python

[Real Time Virtual Background](#)

- Created a JavaScript application that implements a virtual background from a live webcam feed without needing green screen
- Implemented a feature that allows users to upload their own images for virtual background

[Deep Learned Super Resolution](#)

- Programmed a Generative Adversarial Network web application that doubles the resolution of an uploaded image
- Designed a Super Resolution Neural Network that handles aliasing better than traditional interpolation methods

CERTIFICATES

[Data Scientist](#) – Workera.ai

June 2020

- Machine Learning: 99th Percentile
- Mathematics: 98th Percentile
- Software Engineering: 95th Percentile
- Data Science: 94th Percentile

[Software Engineering](#) – TestDome

June 2020

TECHNICAL SKILLS

Python, SQL Server Management Studio, MySQL, Visual Basic .NET, UNIX, Pandas, Scikit-Learn, NumPy, TensorFlow, Keras, Java, C, C++, C#, MATLAB, HTML5, CSS3, JavaScript, Node.js, Express.js, REACT