MATTHEW I. CINTRON

194 Bloomfield Ave, Phone: 609.651.2153
Bloomfield, NJ 07003, Email: matt_Cintron@yahoo.com
Full Stack Online Portfolio: https://mattcintron.github.io/
Main Personal Dev Repos: https://github.com/micintron , https://github.com/mattcintron

EDUCATION	Long Island University, CW Post, Brookville, NY	2013
	M.A. Digital Media Developer	
	Thesis: *The Corrupted*, Unity-based FPS Game GPA: 4.0	
	Rider University, Lawrenceville, New Jersey	
	Bachelor of Fine Arts	2011
	Major: **Visual Arts** Minor: **Chinese Studies**	
	GPA: 3.86 summa cum laude	

HONORS	**Graduate Assistantship in Digital Game Design, LIU Post 2011-2013 Outstanding Senior Award, Rider University, 2011**
	Phi Sigma Tau, Philosophy Honors Society, 2011

EXPERIENCE:

Verana Health
Senior AI ML Specialist / Tech Lead NLP Curation Division, 2021 – Present
A few examples of projects I worked on in my years of dev experience at Verna Health:

Lead LLM Integration R&D

Worked as a lead researcher and developer on central integrations with LLM (large language models) for the company such as Chat GPT, GPT 4 ect work to integrate those and other tools as API's and trained open source models on our data

Project Leader for Key Matcher- Key phrase and data targeting framework

A multipurpose based service application designed to use high level NLP to extract key information from mass datasets, Identify the presence of key targets both exact and related and build advanced profiles of all data extracted for ease of analysis

Lead Developer for NEMA – Non Explicit Metastasis Analytics

A Next Gen NLP based AIML model to identify and detect mentions of non explicit metastasis in patients doctors notes and then predict a patient's metastatic status across their full journey as well as identify date of transition.

Maximus /Attain LLC
Lead AI ML Specialist and Software Engineer, 2019 –2021
A few examples of projects I worked on in my 2 years of dev experience at Maximus/Attain:

Project Leader for ODIN- Optical Data Identification Network

A multipurpose based service application using AI for reading company specific form information and personal identification materials with OCR computer vision.

Tech Lead (ARGOS) Automated Real-time Global Organization Specialist

A data extraction application gathering public company data to mapping out a target company's Risk using NLP based classification with attention based transformers.

Project Leader for AI-PA (AI ID Photo Authentication)
An application with high-powered Computer vision models using targeted training to perform recognition and matching on identification photos with facial authentication.

Project Leader for SPHINX – Specialized Personal Handling Inquiry Network X
A fully dockerized intents based AI Q/A chat bot that could be set up on its own endpoint and easily retrained in seconds with advanced NLP on new data to fill any service need.

Bristol Myers Squibb, Princeton, NJ
Data Scientist, Software Engineer and AI dev, 2014 –2019
A few examples of projects I worked on in my 5+ years of dev experience at BMS:
- Designed Software Databases for lab samples
- Designed Data visualization and Processing tools for Mass Spec Data
- Designed Data visualization and Processing tools for NMR data
- Built 3D Graphics tools to better plot Principle Component Analyses PCA Data
- Built Alexa Skills to help scientist's in lab's
- Built full voice interactive in house AI assistant, using basic natural language processing(NLP) to help scientist's record work and ask questions in labs-
- Designed Excel Add-ins to read and process data for Investigative Metabolomics
- Designed Software to help read data for Liquid Chromatography
- Built both the front end and back end for Bioinformatics team website
- Built Online automated Form development tools for Discovery Toxicology
- Built Online Metabolite Number and Projects database 's
- Put together Online database and data analyses work for Early Stage Drug Development

Rowan University, Glassboro, NJ
Adjunct Professor at Rowan University, Computer Science Department -2015 - 2019
- Class– Intro to Game Design and Development

Long Island University, Brookville, NY
Graduate Assistant for Digital Game Design, Sept. 2011 – June, 2013

SKILLS: **Software:** JIRA**,** Terraform**,** Docker**,** Visual Studio, Pycharm, React, Amazon Alexa, Amazon AWS(Sagemaker / Sagemaker Studio, EC2, ECS, S3), MS Cognitive Services, Conda, Google Cloud, Unity, OCR, Open CV, Jupyter, Google Colab, … and others.
Programming Languages: C#, C++, Python , Java, Java Script , SQL, html5, **Frameworks:** .NET, ASP.NET, Flask, Django, Tensor flow, Keras, Scikit learn, H2O FastAPI. Databricks,
LLM: - **Services** – Open AI (Chat GPT, GPT4), Auto GPT, Agent GPT,
Open source – GPT-Neo, LLAMA, Alpaca, Open LLM

Government Security Clearance Level: Public Trust – with full BI completed

Government Agencies Work Experience: (DHS) Department of Homeland Security