Jeffrey Rosal

linkedin.com/in/jeffrosal/
847-716-0056
JEROS808@GMAIL.COM

Self motivated, creative problem solver with a passion for code, data driven research, analysis and simple designs for easy decision making. Looking to help launch Emerging Technologies.

PORTFOLIO LINKS

**https://github.com/jeros808
Makethisabetterplace.com
old - portfolio jeffreyrosal.com**

EDUCATION

COLUMBIA COLLEGE OF MISSOURI
Statistics - credit towards degree

COLLEGE OF LAKE COUNTY
Anthropology - Psychology
Graduated - Associates
Dean's List/ Honors

SCHOOL OF THE ART INSTITUTE OF CHICAGO
Art and Technology - Computer Science
Human Computer Interaction
- Java, C, C#, C++, Arduino, Processing.js
- Analog Electronics, -Sensors, IC
- MicroControllers -
- Robotics
SAIC Scholarship recipient
SAIC Merit Scholarship recipient
Graduated- Bachelors
GPA 4.0

NORTHWESTERN UNIVERSITY
Python, R, SQL, Machine Learning
Data Analysis, Data Visualization
Certificate in Data Science

PARSONS New School
Streetwear
Fashion Marketing - Branding
Retail, Sales, Manufacturing
Fashion - Cerftificate

VOLUNTEER WORK

**TEACHER & MENTOR
 Arts of Life Chicago Studio**
-Teach and mentor Artists with
Mental Disabilities

RECENT EXPERIENCES

**2020-Present CO-FOUNDER CTO
Pvblic Domain**
- Design, Develop PHP, and Manage
  ECommerce Site - WooCommerce
- Create Social identity using Motion Graphics
- Implement Analytics, Marketing Campaigns

**2019-Present ASSISTANT INSTRUCTOR -
DATA SCIENCE - Part time
Northwestern University**
- Help Teach an intensive
curriculum consisting of Python, R, SQL,
Javascript, Data Visualization, Tableau,
Data Analysis, and Machine Learning

**2019-Present - ENGINEER
The Apparel Agency - fashion**
- Data Engineer -Python, SQL, EXCEL
- Browzewear API, Marketplace API
- Lead Fullstack REACT development
- Data Analysis - Google Analytics
- Manage App Development

**2015-2019 RESEARCHER & DEVELOPER
Cultivate Branding Agency**
- Stake holder interviews
- Develop in Javascript, HTML, CSS, PHP
- Quantitative and Qualitative audits
- UX - UserFlows - Prototyping
- BI Analysis - Data Analysis
- SEO and SEM for Digital Marketing
- Marketing Research and audit reporting
- Competitive research - MOZ
- Google analytics analysis
- Ad Word Tools -keyword - ppc - research
- Graphic Design and Image Editing

**2014 VP of UX DESIGN
PeepmyFooty - start up skateboard tech**

**2013 UX RESEARCH, Marketing, AND
FRONTEND DEV
Bucketfeet - Apparel**

2013 STARTUP INSTITUTE CHICAGO
UX/UI Design, Research and
Frontend Development

SKILLS

Tools/Code- Git, HTML, CSS, Javascript, React.js, node.js, Python, R, PHP, C, C++ SQL, NoSQL, MySQL, Matlab, MongoDB, Processing, TensorFlow, Keras, Pytorch, Matplotlib, Postgres, MongoDB, Excel, Tableau, Hadoop, Spark, Keras, Pandas, Google Cloud AI, AWS, Browzewear API, Jupyter notebook, Google Colab, Arduino, Raspberry pi, Facebook API, WIT.AI, Google speech API, Google maps API, Instagram API, Twitter API, OpenCV, AXURE, Vader Sentiment Analysis, Sketch, ADOBE, Photoshop, Illustrator, Premiere, Bootstrap, Foundation, Blender 3D, Unity 3d Engine, Google analytics, Moz, Heatmapping, Hotjar, Hubspot, Wordpress.
Knowledge- HCI, UX Design, User Flow, Quantitative and Qualitative testing, Multivariate testing, A/B testing, Data Analysis, Usability testing, Machine Learning Algorithms, NLP, Generative Adversarial Neural networks. Database Engineering, Data mining, Agile Development, Systems Architecture, hardware/electronics (Analog circuits , sensors and Microcontrollers), Robotics, Wearables, Soft Electronics, SEO, Statistics, Bio Feedback, Singularity, Fashion and Apparel Production, Commercial Video, Commercial Photography, Digital Marketing, Business Development, QA, Video game Development, .3D Modeling.... I'm constantly learning.