

Jeffrey Rosal

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**Experienced with 10 years in data and programming.
Self motivated, creative problem solver with a passion for
code, data driven research, analysis and simple architectures
for easy decision making.**

PORTFOLIO LINKS

<https://github.com/jeros808>
[Makethisabetterplace.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#, 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 - Certificate

VOLUNTEER WORK

TEACHER & MENTOR
Arts of Life Chicago Studio
-Teach and mentor Artists with
high functioning Developmental Disabilities

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, AWS, Spark, Keras, Pandas, Google Cloud AI, AWS, Browzwear 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.

RECENT EXPERIENCES

2020-Present CO-FOUNDER CTO
Pvblc 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, AWS,
Javascript, Data Visualization, Tableau,
Data Analysis, and Machine Learning

2019-Present - ENGINEER
The Apparel Agency - fashion
- Data Engineer -Python, SQL, EXCEL, AWS
- Browzwear 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