



<https://www.linkedin.com/in/jeffrosal/>  
847-716-0056  
JEROS808@GMAIL.COM

**JEFFREY ROSAL**

## Driven, Creative problem solver with a passion for Technology, Data Driven Research, Analysis and Machine Learning for Predictive Models.

### PORTFOLIO

**Makethisabetterplace.com**  
Old portfolio - [jeffreyrosal.com](http://jeffreyrosal.com)  
<https://github.com/jeros808>

### EDUCATION

**COLLEGE OF LAKE COUNTY**  
Audio Engineering  
Certificate

**COLLEGE OF LAKE COUNTY**  
Anthropology - Psychology  
Graduated - Associates

**SCHOOL OF THE ART INSTITUTE OF CHICAGO**  
Human Computer Interaction  
Art and Technology - Computer Science  
SAIC Scholarship recipient  
SAIC Merit Scholarship recipient  
Graduated- Bachelors

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

**NORTHWESTERN UNIVERSITY**  
Python, R, SQL, Machine Learning  
Data Analysis, Data Visualization  
School of Professional Studies Certificate  
in Data Science

**PARSONS New School**  
Streetwear  
Fashion Marketing - Branding  
Retail  
Sales  
Manufacturing

### SKILLS

**Tools/Code-** HTML, CSS, Javascript, React.js, node.js, JAVA, C, Python, R, PHP, Processing, Arduino, Raspberri pi, Bootstrap, Foundation, SQL, Wlt.AI, Google speech API, Natural Language Processing, UNITY 3D Game engine, TensorFlow, Keras, MongoDB, MySQL, Tableau, Hadoop, Pandas, Jupyter notebook, AXURE, Sketch, ADOBE Photoshop, Illustrator, Premiere, Sublime, After effects, Apple LOGIC PRO, Blender-3D modeling,  
**Knowledge-** HCI, UX Design, Quantitative and Qualitative Research and Data Analysis, Usability testing, Machine Learning, Database Engineering, Data mining, Agile Development process, Systems Architecture, Commercial Video, Commercial Photography, Digital Marketing, Business Development, QA, Multivariate testing, Videogame Development, Hardware/electronics (Analog circuits, sensors and Microcontrollers), Robotics. SEO, Statistics, Psychology, Bio Feedback, Singularity, I'm constantly learning.

### RECENT EXPERIENCES

**2019-Present ASSISTANT INSTRUCTOR - DATA SCIENCE**

**Northwestern University**  
- Help Teach a 6 month intensive curriculum consisting of Python, R, SQL, Javascript, Data Visualization, Statistical Data Analysis, and Machine Learning

**2019-Present UX STRATEGIST & DEVELOPER**

**The Apparel Agency - fashion**  
- UX, Marketing, Database Engineer  
- Fullstack - app and web dev

**2014-2019 RESEARCHER & DEVELOPER Cultivate Branding Agency**

- Stake holder interviews  
- Develop in Javascript, HTML, CSS, PHP  
- Quantitative and Qualitative audits  
- UX Design - user journey - testing  
- Business 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

**2013 CO-FOUNDER, UX/UI DESIGN, RESEARCH AND FRONTEND PeepmyFooty - skateboard tech**

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

**2014 VOLUNTEER - TEACHER & MENTOR Arts of Life Chicago Studio**

**DATASCIENTIST**