



# Ian Johnson

DATA SCIENTIST

## Contact

### Address

451 S Peter St  
Athens, GA 20601

### Email

iankonradjohnson@gmail.com

### Phone

818.451.6132

### Github

<https://github.com/iankonradjohnson>

## Profile

Multi-talented and driven programmer with a passion for data. Successful at leading teams and devising strategic plans for diverse customer requirements. Proficient in machine learning, data processing, software development, critical thinking, organization, creative problem solving, and excellent written and verbal communication skills.

## Education

### Computer Science, B.S.

The University of Georgia

Expected May, 2021

## Experience

### Teaching Assistant for Data Science Bootcamp

*Trilogy Education | Washington, D.C. | 2020 - Present*

Held sessions three times a week teaching complex data science concepts to adult professionals.

**Skills:** Presentations, data mining, data visualization, data processing, Flask, FOCUS, JavaScript, Python, shell scripting, Tableau, Scripting, D3, MongoDB, SAS, R, fraud detection, Perl, analytical science, Linux

### Founder and Lead Developer

*BrickMaster Game Studios, LLC | Athens, GA | 2019 - Present*

Invented, developed, and marketed a LEGO-style virtual reality building and design software. Link to video <https://tinyurl.com/y4qe7bfn>

**Skills:** Leadership, Unity, mathematics, C#, .NET, C++, numeric simulation, operations research, management, drawing, software development, optimization, algorithms, Java, reporting, research and development

### Data Scientist Apprentice

*UCLA Health | Los Angeles, CA | 2018*

Collaborated with a team to envision, design, and maintain a Cancer Research Nodule X-Ray database for the UCLA University Research Group to perform computer vision analysis and image classification.

**Skills:** SQL, MySQL, PostgreSQL, Microsoft Excel, Microsoft Access, Oracle Database, database design, big data, Python, data architecture, healthcare,

## Pet Projects

### Stock Market Twitter Sentiment Analysis

<https://github.com/iankonradjohnson/StockMarketTwitterSentiment>

Scraped twitter data, performed sentiment analysis, and created and trained a Time Series Neural Network to make predictions on the DJIA.

**Skills:** Web scraping, deep learning, neural networks, Keras, data analysis, Pandas, natural language processing (NLP), statistics, scikit-learn, Unix, AI/ML, probability, statistical models, NumPy, ArcGIS

### Recipe GAN

<https://github.com/iankonradjohnson/RecipeGAN>

Scraped recipe data, computed uniform measurements, and trained a Generative Adversarial Network (GAN) on the data to produce new recipes.

**Skills:** Web scraping, machine learning, deep learning, NICE, security, NLP, Python, Artificial Intelligence (AI/ML), Keras, PyTorch, text mining, data extraction, data cleaning, complex problem solving, neural networks