Anthony Albertorio

Aiming to utilize my background in programming, neuroscience, and mathematics to build web apps and artificial intelligence systems for data intensive industries.



anthony.albertorio@gmail.com

Ask via Email

New York, NY

www.github.com/tesla809

Work Experience

01/2016 - Present New York, NY

Research Coordinator & Database Manager Columbia University

Department of Pediatrics, Division of Molecular Genetics

Tacke

- Manages databases, creates SQL Queries and Python scripts for a Molecular Genetics research study investigating Spinal Muscular Atrophy and possible treatments.
- Recruits newborn babies and mothers in the postpartum wards of three New York-Presbyterian hospitals for genetic screening and possible clinical trials to treat Spinal Muscular Atrophy.

08/2013 - Present New York, NY

Founder, Programmer & Business DevelopmentUltima Technologies LLC

Tasks

- Provides consultation and contacts to startups in the synthetic biology, neuro-tech and internet sectors that have questions regarding company structure, strategy, marketing, finance, contract negotiation and programming support.
- Provides programming support and contacts to assist with system architecture support for companies.

02/2015 - 09/2015 New York, N

Database Manager, Phlebotomist & Research Assistant

Columbia University

Mailman School of Public Health

Tacks

- Database management and analysis of primary research data in SQL.
- Assisted in primary data collection and analysis of lung function, blood, anthropometric, home inspection and survey information for the CDC funded "NYC Neighborhood Asthma and Allergy" study.
- Administered blood draws and bio specimen data collection for the BARDA funded "Adult Normal Baseline Radiation-Induced Gene Expression Biomarkers" study.

08/2013 - 07/2014

Database Manager, MRI Tech & Research Assistant

Columbia University

Department of Psychiatry and New York State Psychiatric Institute

Task

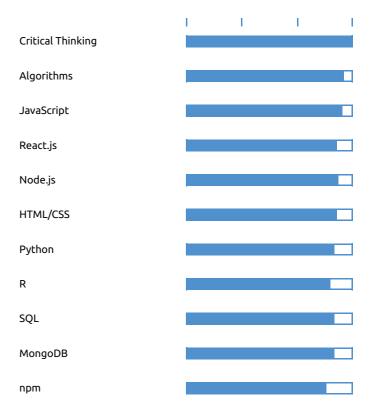
- Collected and preformed data analysis on human brain data from fMRI, EEG, RNA, and IQ exams for a National Institute of Mental Health neuroscience research study looking to discover biomarkers to predict depression medication response rates.
- Database management, entry and data analysis for Nuvigal + Hepatitis C and neuroscience study.

Education

08/2004 - 06/2009

International Criminal Justice + Economics
City University of New York- John Jay College

Skills & Competences



Achievements & Certifications

Founder and Organizer of AI @ Columbia University Medical Center.

A Meetup group which focuses on taking an interdisciplinary approach towards the learning and development of artificial Intelligence.

Data Structures and Algorithms Specialization

A Coursera certification which covers data structures, algorithms and computational complexity $% \left(1\right) =\left(1\right) \left(1\right)$

Team Treehouse Full Stack JavaScript

An online course covering web development with Javascript, Object oriented programming, jQuery, AJAX, Node.js, and MongoDB

Self-motivated to learn programming and mathematics Self-motivated to independently learn Python, JavaScript, statistics, calculus, probability, and discrete math.

Languages

English

New York, NY

Native or Bilingual

Spanish

Native or Bilingual

Interests

Artificial Intelligence | Programming | Mathematics |

Neuroscience | Reading | Medicine | Stand Up Comedy