Joshua Paul Barnard

Data Scientist

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Fort Bragg, California

JoshuaPaulBarnard.com

Abilities

- Data Analysis
- Data Visualization
- Project Management
- Software Development
- Multimedia Production
- Web Development
- Web Design

Education

Data Science — Masters of Science

Johns Hopkins University — 2021 - 2023

Engineering for Professionals program with the Whiting School of Engineering. Machine Learning, Data Analysis & Visualization, Prediction Modeling, & ETL. Concludes with capstone project of publishable quality.

Psychology — Bachelor of Arts

Humboldt State University — 2012 - 2016

Minors in Applied Statistics, and in Applied Mathematics.
Courses included: ANOVA, Regression, Multivariate Stats & Statistical Modeling.
Completed two pieces of undergraduate research & presented at WPA in 2015.
Utilized R, Python, SPSS, & WinBUGS..

Computer Science — Associates of Science

Santa Rosa Junior College — 2016 - 2021

Additional AA in Web & Multimedia, and AS in Mathematics.
Learned Data Structures, Algorithms, Relational Databases, & Web Development.
Utilized Java, SQL, JavaScript, Linux, C++, Excel, HTML5, CSS3 & Photoshop.

Experience

Independent Service Provider

California Department of Rehabilitation (Vocational);
2017 & 2019;
Santa Rosa, CA

Tutoring individual SRJC students with learning disabilities in Elementary Statistics and Pre-Calculus Algebra.

Student Tutor

Santa Rosa Junior College;
2016 – 2018;
Santa Rosa, CA

1 on 1 tutoring with Individual students, & group tutoring.

Subjects Included:
Statistics, Excel, Mathematics, & Programming.

Undergraduate Research Assistant

Humboldt State University;
2016;
Arcata, CA

Administered psychological surveys to research participants.

Collected and Organized data from surveys to be entered into SPSS.

Projects

SNAP Cats Website Redesign

Santa Rosa Junior College

As Scrum Leader I was responsibile for scheduling, and coordinating between the Instructor, Client, and my Team.

Undergraduate Research

Humboldt State University

An Examination of Perfectionism and Body Esteem on the Eating Patterns of Male and Female College Students.

Undergraduate Research

Humboldt State University

Reliability and Validity of the Health Efficacy Scale for College Students.

Presented at the WPA Conference in 2015.