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Fort Bragg, California



JoshuaPaulBarnard.com

## Abilities

Data Analysis

Data Visualization

Project Management

Software Development

Multimedia Production

Web Development

Web Design



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my LinkedIn Profile

**LinkedIn**

# Joshua Paul Barnard

## Data Analyst



## Education

### 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 — Associate 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, MySQL, JavaScript, Linux, C++, Excel, HTML5, CSS3 & Photoshop

### Data Analytics — Certificate

Cornell University

2017 - 2018

Studied how to examine and understand different forms of data.  
Learned to use Scientific Decision Making when forecasting predictions.  
Utilized Microsoft Excel for Predictive Data Analysis and Data Visualizations.



## Experience

### Independent Service Provider

California Department of Rehabilitation; 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.



## Skills

R



SQL



Java



Python



JavaScript



## Expertise



