Joshua Paul Barnard

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🌐 Portfolio Website
 GitHub Profile
in LinkedIn

EDUCATION

•**Johns Hopkins University, Whiting School of Engineering** *2026*
Masters of Science: Data Science

•**Humboldt State University** *2016*
Bachelors of Art: Psychology

•**Santa Rosa Junior College** *2018*
Associates of Science: Computer Science

•**Cornell University, eCornell** *2017*
Certificate: Data Analytics

EXPERIENCE

•**DataAnnotation** *2024 - Present*
Data Analyst & Software Developer - AI Trainer Remote
  – Evaluate code quality produced by AI models for correctness and performance.
  – Writing high-quality answers and code snippets to diverse problems and solutions for a coding chatbot.

•**Omniworld UK** *2023 - Present*
Lead Technical Developer London, UK
  – Developing the Crown Blockchain based on Cryptonote, written in C++ and utilizing Git.
  – Integrating The Crown Coin with Phone App and banking APIs to provide The Crown Card.

•**Mendocino College** *2022 - Present*
Computer Support Technician, Instructor & Tutor Ukiah, CA
  – Computer Support Technician: PC & Mac Software & Hardware Repair, TCP/IP & Networking, IT Support.
  – Computer Science Instructor: Curriculum Development, Syllabus Creation, Classroom Management.
  – Tutor in Mathematics and Statistics, assisted with Hybrid Classrooms using Zoom Cart.

•**Sequoidea Properties LLC** *2020 - Present*
Property Manager Fort Bragg, CA
  – Performing Regular Maintenance, Handling Tenants Needs, Accounting, and Ensuring Legal Compliance.
  – Responsibilities range from plumbing, logging, and construction, to accounting, research, and systems networking.

PROJECTS

•**Predicting Wine Quality by comparing Linear Regression with Machine Learning Techniques.** *2022*
The Johns Hopkins University
  – Various techniques were used to predict the perceived quality of wine based on physio-chemical properties.
  – Tools Used: Python, Jupyter, NumPy, Pandas, Seaborn, OBS

•**SNAP Cats Website Redesign** *2018*
Santa Rosa Junior College
  – Project Manager using Agile software development practices, using Slack and Trello.
  – Designed and developed a modern responsive website for a local non-profit using Wordpress(.org).

•**Reliability and Validity of the Health Efficacy Scale for College Students** *2015*
Humboldt State University (Cal Poly Humboldt)
  – 16-item scale developed to assesses an individual's belief in their capacity to change their own health.
  – Examined the psychometric properties of the HESCS by reliability and validity in SPSS with a sample of 104.

TECHNICAL SKILLS AND INTERESTS

Developer Tools:	R, Python, SQL, Linux, Java, TeX, Git, Solidity, Rust, PHP, CSS3, HTML5, C++, JavaScript.
Frameworks:	TensorFlow, Pandas, Scrapy, Phaser.js, Next.js, Angular, React, D3.js NodeJS.
Cloud/Databases:	AWS, Google Cloud, Microsoft Azure, MySQL, NoSQL, SQLite, MongoDB.
Coursework:	Statistical Modeling, Data Science, Psychometrics, Calculus, Predictive Data Analysis.
Programs:	Excel, Trello, Tableau, SPSS, Visual Studio Code, Jupyter Notebook, Photoshop, Wordpress.
Soft Skills:	Project Management, Attention to Detail, Problem-solving, Adaptability & Creativity.
Experience:	Linux Server Administration, Agile Scrum Leader, Education, PC repair tech, IT Support.
Areas of Expertise:	Statistics, Programming, Web Development, Education, Management.
Subjects of Interest:	Research, Data Science, Blockchain Development, Artificial Intelligence.

POSITIONS OF RESPONSIBILITY

•**Founder & President,** HSU Statistics and Probability Club *2014 - 2016*

ACHIEVEMENTS

•**Eagle Scout,** Boy Scouts of America, Troop 37. *2004*