# James Barnhart

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GitHub | LinkedIn

## EDUCATION

**Old Dominion University** | Global Campus
*Master's in Data Science and Analytics*                                            In-progress

**University of California Los Angeles Extension** | Los Angeles, CA
*Technical Certification in Systems Analysis*                                            2018

**University of Maryland University College** | Adelphi, MD
*Master's in Information Technology*                                            2015

**US Army Command and General Staff College** | Fort Leavenworth, KS
*Military Diploma in Operations Management*                                            2014

**University of Guam** | Mangilao, Guam, USA
*Bachelor's in Anthropology*                                            2002

## TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C
Tools and Software: GitHub, Anaconda, Visual Studio Code. Jira, Confluence, SharePoint, MS Teams, Zoom

## RELEVANT EXPERIENCE

**Booz Allen Hamilton** | Washington D.C.
*Associate - Technical Manager*                                            February 2023 – Present

- Provides guidance and top-level technical vision for testing and evaluating MLOps Pipelines that connect 3D Model design and interact in a physics-based environment while incorporating the ability to label, train, and deploy ML Models.

- Synchronizes technical resources and simulation assets to support internal client-driven opportunities

- Coordinates and drives business processes by gathering technical requirements from internal staff and connecting them to business objectives

**Lieutenant Colonel, US Army Futures Command** | Fort Lee, VA
*Senior Technical Manager*                                            2019 – 2022

- I managed a $12M classified network and simulations tools while supervising an on-site team of more than six models and simulations, IT, and security experts.

- Transforms organizational structure by implementing innovative technology, enhancing existing procedures, and efficient manpower management.

- Experience in the Design of Experiments and Data Analytics: I had experience designing and executing experiments to gather data and derive insights. I was skilled in developing statistical models to analyze and interpret experimental data. I also had experience in data analytics and visualization, and I was comfortable working with various data sources.

**Major, US Army Futures Command** | Fort Eustis, VA
*Project Manager, Early Synthetic Prototyping*                                            2017 – 2019

- Administered a $4.7M budget in 2018, approving $4.6M for a new project in 2019.

- Led, supervised, and guided a decentralized team of 25+ engineers, technologists, military, and data experts, focusing on a cutting-edge project incorporating Unreal Gaming Engine and Amazon Web Services (AWS).

- Designed a strategic plan and developed a functional game for testing capabilities without constructing physical models, saving taxpayers millions of dollars.