**Objective**

TBD Data Science Position

**Summary**

Data scientist who has researched human performance optimization in elite athletics and Special Operations Service Members with more than a decade spent in Special Operations units. Skilled in data processing, visualization, and modeling.

**Programming Database Management**

Python – Pandas – SciPy – scikit-learn – Swift – JavaScriptSQL – Postgres – JSON – Git – ZSH

**Data Visualization Cloud Computing**

Matplotlib – Plotly – Seaborn AWS S3 – AWS Lambda – AWS EC2

**Education**

George Washington University | Washington, DC

BS, Health Intervention and Disaster Response

Stanford University | Stanford, CA

Statistical Learning Certificate

Galvanize Data Science Immersive Program | San Francisco, LA

700+ hr data science bootcamp

**Experience**

Project Manager & Military Liaison USC Center for Body Computing, Los Angeles, CA Nov ‘19 – Present

* Collection and cleaning of physiologic, psychologic, emotional, relational, health, and operational data utilizing Python, AWS S3, AWS Lambda, AWS EC2, SQL, and Postgres
* Develops and coordinates research efforts with military partners
* Ensures that devices used for data collection are viable in training and operational military settings
* Ensures clear communication between USC personnel and military leaders

Study Liaison & Reconnaissance Instructor Reconnaissance Training Company, Camp Pendleton, CA Apr ‘17 – Jan ‘20

* Facilitated communications between the USC Center for Body Computing and the School of Infantry
* Conducted data collection and aggregation of 120 subjects over 75 training days
* Identified key metrics that are predictive of a successful Reconnaissance Trainee
* Led and mentored 73 junior Corpsmen leading to the healthiest manning levels in more than 15 years
* Screened and trained more than 3,000 students to deliver competent, reliable, and capable Reconnaissance Marines and Corpsmen to operational units

Project Manager 1st Marine Raider Battalion, Camp Pendleton, CA Jan ‘16 – Apr ‘17

* Received direction from and reported to the US Special Operations Command (SOCOM) Biomedical Research Advisory Group and the Marine Special Operations Command (MARSOC) Senior Enlisted Medical Advisor.
* Conducted 42 trials of various medical and tactical equipment from numerous vendors for use in MARSOC at the individual, team, company, and battalion level
* Created and employed comprehensive reviews of products for dissemination to interservice and intraservice units

FMF Reconnaissance Corpsman Varied Locations Nov ‘08 – Jan ‘16

* Provided medical and operational services for FMF Reconnaissance Marines, Marine Corps Critical Skills Operators, and other SOCOM personnel
* Conducted preventative, clinical, and traumatic medical care in austere locales
* Trained more than 300 personnel from US, Allied, and Partner Nation Forces in Special Operations Forces Tactical Combat Casualty Care
* Managed a $450,000 budget and $1,500,000 in equipment fulfilling the supply and equipment needs of a satellite clinic staffing 8 physicians and 37 support personnel