



Job Posting – Data Science Innovation Intern

Position Title: Octane Data Science Innovation Intern

Time Requirement: Summer Internship

Location: Aliso Viejo, CA

[Octane](#) convenes and enables the Southern California Tech and MedTech business ecosystem by connecting people, resources and capital. We will help create 55,000+ high-paying technology jobs in Southern California by 2030 through our [LaunchPad SBDC Accelerator](#), Signature Events, as well as our Octane Enterprise Solutions (OES) business. The LaunchPad program is a pro-bono small business accelerator where we work 1:1 with entrepreneurs and their innovative startup companies. Over 677 startups have graduated from LaunchPad and have raised \$250M+ in funds in 2021 and \$2.85B+ since 2010.

In this role as Octane's **Data Science Innovation Intern**, there is an opportunity to incorporate additional artificial intelligence (AI) and machine learning (ML) technology into our proprietary analytics platform that we use to evaluate the startups. This is a unique opportunity for hands-on experience working with startups and data analytics. Are you ready to put your [fingerprints](#) on SoCal innovation and entrepreneurial impact?

Essential functions include:

- Create a cloud based predictive analytics database and application leveraging automation
- Research, design, implement and validate models and algorithms to analyze diverse sources of data
- Perform advanced statistical/machine learning analyses on customer databases and other sources which will include:
 - Data wrangling using scripting and curate data to facilitate analysis
 - Analyze data to tackle research questions
 - Present and communicate research findings to a cross-functional team
- Present results to business leaders, product managers and other analysts
- Support select projects; demonstrate creative thinking and individual initiative while working as a team member; build solid relationships with team members
- Other duties as assigned

In addition, the Octane Data Science Intern, as part of the Octane team, will assist with Octane Signature Events, Annual Partnerships, Octane Enterprise Solutions, and other Octane activities as assigned.

Knowledge, Skill and Experience:

Minimum Education and Experience Required:

- Undergraduate or graduate student in computer science, data science or related field
- Experience with regression modeling, forecasting, and time series analysis
- Experience with data scripting languages (e.g. SQL, Python, R etc.) or statistical/mathematical software (e.g. R, SAS, or Matlab)
- Experience using one or more programming languages (e.g., Python, Java, C++, C, etc.).
- Experience with big data: processing, filtering, and presenting large quantities of data.

Skills Required:

- Strong verbal and written communication skills
- Proactively seek guidance, clarification and feedback
- Demonstrate flexibility with task completion and prioritization, communicating potential conflicts to a supervisor
- Drive and determination to see projects through to completion
- Attention to detail
- Willingness to ask for guidance when needed

Plus:

- Salesforce.com administration and technical experience/certifications
- Experience with Google Cloud Platform, AWS or Microsoft Azure
- HubSpot administration and technical experience/certifications

To Apply:

Please send your cover letter and resume to Dave Beck, Director of LaunchPad SBDC and Investor Relations, to dave@octaneoc.org.

About Octane:

More information is available online at www.octaneoc.org.