Position: AI/ML Researcher Intern  
Legal Entity: VanEck Associates Corporation  
Business Unit(s): VE Labs (VEL)  
Location: New York  
Department: IT  
Reporting to: Quantitative Associate  
FLSA Status (US Staff only): Non-Exempt Full Time Summer

VanEck is a privately held global asset management firm founded in 1955. We develop forward-looking, intelligently designed, active and ETF strategies that strengthen long-term portfolios. We will provide qualified individuals with outstanding education and growth opportunities. If you are a high-energy individual with a strong work ethic, excellent team skills, and outstanding communication skills, we would like to speak with you.

VanEck’s Summer Intern Program includes exposure across the firm through educational, mentorship, and networking events. As an Intern, you will also be exposed to the firm’s senior management, gain an understanding of the financial services industry and learn critical business skills. Our internship program will build more than just your resume — it will challenge your knowledge, build your network and drive your career path. Our program spans 10 weeks and typically runs from June 3 – August 9. If you are looking to gain valuable hands-on experience while working with talented individuals, apply now!

Our team’s mission is two-fold:
1) Research, Develop and Maintain mathematical optimization routines for the portfolio management teams
2) Uncover business relevant intelligence hidden in data by creating statistical and machine learning models

The group operates like an academic research group where ideas are openly proposed, debated and ultimately refined into a usable product.

Essential Duties and Responsibilities:

Includes the following, other duties may be assigned as needed:

- Academic Research … finding and reading relevant papers
- Brainstorming … figuring out which methodology to pursue to solve a given problem
- Prototyping … putting the theory into practice
- Documenting … writing white papers and journal papers

Qualifications

- Evidence of original or independent research
- Experience with mathematical optimization, machine learning and statistical modeling
• Ability to code in an object-oriented language (Python preferred)
• Good communication skills.
• Roll up your sleeve work ethic.
• Professional demeanor.

Education and/or Experience

• Advanced Undergraduates, Masters or PhDs in (but not limited to) Computational Chemistry, Computer Science, Economics, Engineering, Mathematics, Operations Research or Physics
• Some experience within a corporate environment is helpful but not required.

Competencies

To perform successfully and gain the most from this internship, an individual should demonstrate the following competencies:

• Solid Mathematical Skills
• Good Coding Skills

Language Skills

• Ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization.

Compensation:

• The maximum hourly rate range for this position is $25 - 32 an hour

VanEck is committed to treating all applicants and employees fairly and to providing equal opportunity in compliance with applicable federal, state and local laws. VanEck does not and will not discriminate against any employee or applicant for employment on the basis of race, religion, ancestry, color, gender, gender identity, pregnancy, age, physical or mental disability, national origin, marital status, sexual orientation, citizenship status, covered-veteran or military status, genetic information, and/or any other factor protected by law.

In order to be considered for this position, please submit resume with the subject line AI/ML Researcher Intern to internships@vaneck.com.