



## Job Posting #3: Senior Electrical Engineer

Vanguard is an entirely new and distinct motorcycle brand, designed, engineered and built in New York City. With an advanced take on design and a unique approach to engineering, manufacturing and sales, Vanguard's vision is to redefine the premium motorcycle.

We are currently seeking sharp, motivated individuals to join a tight-knit engineering team in designing and producing motorcycles unlike any other.

### Senior Electrical Engineer

#### Role:

- The senior electrical engineer will be responsible for developing robust, integrated, modular electrical harness systems to power and control motorcycles. He/she will be part of the design team, working with component vendors and manufacturers to create detailed electrical system architecture layouts, prototype harnesses, testing plans, perform physical tests, and eventually sign-off on production-ready electrical systems.
- The development work will involve mapping connections between a digital display, body control module, engine control module, and sensor/actuator network, then working with other members of the design team to produce a harness system which will meet physical requirements for geometry, easy of assembly, and reliability under heavy usage conditions.
- The senior electrical engineer will be part of a cross-functional team reporting to the Project Manager.

#### Qualifications:

- Degree in electrical engineering required, Master's degree preferred.
- Demonstrable practical experience in the powersports, automotive, or aerospace industries required
- An extensive knowledge of electrical systems architecture, automotive connector standards, testing, and FMEA needed.
- The ideal candidate is pragmatic, meticulous, and has a passion for solving problems.
- Strong verbal and written communication skills.
- Proactive, self-motivated and ability to work independently, happy to work in a fast-paced, exciting startup environment and participate towards office life.

#### Compensation:

- \$90k to \$120k base salary
- Bonus target of 5% of base
- Medical benefits

#### Position:

Full-time in our New York City facility, located at the Brooklyn Navy Yard.

#### How to Apply:

Please send resume, cover letter and references to [info@vanguard.nyc](mailto:info@vanguard.nyc).  
Portfolio of work highly encouraged.