Avlino provides advanced analytic solutions that enable users to view, analyze, and rationalize data to support relevant business decisions.

Customers enjoy the simplicity and flexibility of the solutions while realizing the concept of "*citizen data scientists*", as Avlino has strategically eliminated the need to write code or have any prior business intelligence experience.

Avlino developed the Alenza intelligence suite of solutions to help businesses uncover value that is deeply embedded in data. Seamlessly integrating the entire analytics value chain, Alenza utilizes best in class text mining, automated statistical modeling, and artificial intelligence.

Alenza helps clients gain a deeper understanding of their markets, customers, and competitors. The predictive insights generated drive specific business actions that lead to tangible results. Industry Sectors include telecommunications, retail, hospitality, and logistics.

Avlino's core competences lie in the following areas:
- ➢ Advances in Natural Language Processing (NLP): enable the Alenza solution to pull out topics embedded in social conversations to draw out themes, concepts and topics. Further, cognitive processing to understand the reasons supporting the context and summarization of topics and finds the relation amongst topics, which leads to unique predictive analysis.
- ➢ Text mining is Alenza's smart approach to drilling into contextual analysis to get a broader frame of understanding of the sentiment & emotions behind written words, sentences, and parts of speech.
- ➢ KPI Discovery is a patent pending proprietary technology that is the automatic determination and prioritization of 1000's of variables that directly impact businesses. The KPI Discovery feature uncovers new or hidden variables allowing businesses to take an agile approach to decision making.
- ➢ Numeric Data Processing/Pipeline Automation is feature that automates many of data science programming steps. Our patent pending technology allows for the machines to intelligently chose appropriate quantitative models that best fit the data set presented thus improving the time and accuracy of data engineers.

We are currently seeking to grow our Team and expand operations by opening a Design Center in Europe and have shortlisted Osijek as a potential city. Below are the potential positions that we are recruiting and will be in visiting Osijek on July 24th and July 25th 2018.

If you are interested in learning more and possess the requirements for the positions, please email me: maryann.sciallo@avlino.com and we can coordinate to meet on July 24th or July 25th at a mutually convenient time.

1. **Full Stack Development**
   - MUST HAVE: 2 years of relevant front-end development experience preferably in designing web applications or client dashboards.

- MUST HAVE: In depth knowledge of web technology such as: CSS, HTML, React, jQuery, Angular, and node.js
- Proficient with multiple programming languages including Javascript, Typescript and Python.
- Experience with AngularJS and Django.
- Experience building and consuming RESTful APIs.
- In depth understanding of the entire web development process including design, development, and deployment combined with back-end programming knowledge.
- Knowledge of either Apache Cordova or Progressive Web Apps.
- Ability to work with teams within the organization to fully understand product requirements (Backend developers, Marketing, Sales, Management).
- Education: BS/MS in Computer Science

2. Quality Assurance/Test Engineers
- Education: BS/MS in CS with 2 years related software testing experience.
- Must Have – Strong Coding skills: Python, shell scripting.
- Must Have – Test automation experience.
- Preferred – Experience with data analytics software.
- Preferred – Experience with testing of enterprise class customer deployment projects.
- Desired – Working Knowledge of Apache Spark would be a strong plus.

3. Software Developers
- Must Have – 2 years of experience and excellent knowledge in Java or Scala and Hive /Pig for Hadoop/Spark/PySpark.
- Must Have – 2 years of experience and working knowledge of distributed/cluster computing concepts of Apache Hadoop or Apache Spark.
- Must Have – Written UDF, handled skew, partitioning, worked with Map/Reduce, ORC, Parquet, datasets, data frames.
- Must Have – Good knowledge of Linux File Systems, memory management, garbage collection & tuning, coherency, parallelism, locks, etc.
- Must Have – Strong background in data structures and algorithms to be handle parallelization and performance.
- Preferred – Analytics and data science knowledge would be a strong plus.
- Education: Completed BS/MS in Computer Science

4. Front-End/UI Programmers
- 2 years of relevant front=end development experience preferably in designing web applications or client dashboards.
- In depth knowledge of programming languages such as: CSS, HTML, JavaScript, jQuery.

- In depth understanding of the entire web development process including design, development, and deployment combined with back-end programming knowledge.
- Proficient in creative software programs like Adobe Creative Suite, Flash, Photoshop, Illustrator, InDesign, etc. graphic, etc.
- Ability to work with teams within the organization to fully understand product requirements (Back-end developers, Marketing, Sales, Management).
- Ability to write content
- MUST: Interest in learning and advancing in industry design trends.
- Education: BS/MS in Web Design/Computer Graphics.

5. **Data Scientists**
   - Solid 2 years of experience in statistical modeling, data mining concepts, and machine learning.
   - Solid 2 years of experience working with big data technologies such as Hadoop, Map Reduce, Hive, Pig, etc.
   - MUST: Solid 2 years of experience in multiple programming languages – Python, R, Java, and Scala.
   - Experience in developing or implementing enterprise class Data Analytics and BI solutions.
   - Extremely analytical and able to solve problems independently.
   - Assesses customer requirements and translate them to appropriate deliverables.
   - MUST: Have an analytical mind, and on point with detailed specifics.
   - MUST: Education: BS/MS in Computer Science or Math.