



## COMPANY DESCRIPTION

Y-mentor is a tech start-up in the wine industry that has partnered with Savant Technology Incubators, a hardware technology business incubator in Cape Town. The company is developing a disruptive solution that will significantly de-risk and enhance quality of wine-making. Position in based in Montague Gardens during product development (18 months), then in the CBD or Stellenbosch

## SKILL REQUIREMENTS

- Experience and understanding of industrial product design within Internet of Things (IoT) products (Hardware measurement collection to software information systems)
- Experience in use of lean tools to help develop new processes, layouts and flow
- Evaluate manufacturing equipment and processes, provide improvements in efficiencies
- Design and develop prototypes, products and mass production role out
- Interest and knowledge in Robotics, AI, and Algorithms
- Design practical blue print documents, CAD/3-D Modelling Software
- Lead continuous improvement events and structured problem solving efforts
- Compile and document key technical information, processes and training manuals/guides
- Conduct root cause analysis to determine metrics, troubleshoot manufacturing/ business and assembly issues, material flow, project plans, production capacity, facility design and create process documentation
- Review defective units, establish the cause and offer mitigating recommendations
- Provide best cost/solution recommendations
- Understand complex mathematical relationships that underpin mechanical analysis
- Support new product introductions, assessments, concepts
- Fast learning/aptitude in manufacturing software and hardware tools
- Develop, adhere to and update standard operating procedures for production and monitoring

## QUALIFICATIONS

- Masters in Engineer product / industrial design / Software hardware interaction
- Strong problem solving skills, organization skills and attention to detail.
- Ability to interpret engineering drawings, specifications, and schematics.
- Proficient in Microsoft Office (Word, Excel, PowerPoint)
- Familiarity with MatLab or MathCAD programming language or similar
- Knowledge of certification process

## REMUNERATION

- Excellent Total Gross Package (TGP)
- Yearly performance bonus during product development
- Profit share once the products are commercialised
- Possibility of participating in the company's share scheme

## CONTACT DETAILS

### Y-mentor PTY Ltd

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### Partners: Savant Technology Incubators

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