Job description – for virtual infinite capacitor project

Position description:

Ramat is looking for an electrical engineer to join a funded project at Tel-Aviv University (TAU), as lab engineer. This engineer will join a research group from the School of Electrical Engineering, developing a new type of power electronic circuit developed in TAU. Ideally, we are looking for an engineer with understanding of power converters, and also able to develop the implementation of a control algorithm on FPGA.

Responsibilities:

- Design printed circuit boards and oversea their production and assembly.
- Provide analysis, simulation, test results and recommendations.
- Write requirements and specifications for systems and their components, interact with suppliers and subcontractors.
- Look after the (modest) computer network of the team, maintain software.
- Interact with and be helpful to students at all levels (from BSc to PhD) who are collaborating on the project.

Job Qualifications:

- B.Sc. in electrical engineering (M.Sc. or M.Sc. student an advantage).
- Background in power electronics and/or control.
- Ability to learn and solve problems independently.
- Capable or writing technical documents and reports in English.
- 2-4 years of experience in the industry – a major advantage.

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