**Tal Silverman**

**West New York, NJ 07093**

[**talsilver**](mailto:talsilverman1@gmail.com)[**man1@gmail.com**](mailto:man1@gmail.com)

**551-482-3864**

BSc Mechanical Engineering, Summa Cum Laude graduation on October 2018, majored in energy and materials.

Participated in the Excellence Program, Teaching Assistant in all levels of Thermodynamics. Two years of mechanical engineering

experience in product development in an engineering firm (Ziv-Av).

Work Experience

**Mechanical Engineer, Ziv-Av**

**Ziv-Av technologies**

**2017 to Present**

Design and model 2D and 3D complex components in SolidWorks

Create 3D models, shop drawings, and production level 3D printing

Manage and update large library of BOMS, engineering drawings, and CAD models to support catalog of existing products

Draft and detail drawings and technical books

Conceptualize and develop more efficient ways to produce technical books

Characterize shelf component specifications for existing projects

Part of the development team in multiple industries, such as military and government

Implement prototypes in production environment and POC development

**Field Manager**

**Kibutz Sde Eliyahu**

**2013 to 2014**

Designed and constructed complex structures: greenhouses, coolers, thermal screens, advanced irrigation systems, and other technologies

Full responsibility for the staff working plans, schedules and capacity

Managed and constructed schedules in the "hen-house" branch, including supervision on working procedures, structure stability, and all the related facilities

**Sales Representative**

**2012 to 2012**

Performed cost-benefit and needs analyses of existing/potential customers to meet their needs

Expedited the resolution of customer complaints to maximize satisfaction

Achieved sales targets and outcomes on schedule

Coordinated sales effort with team members and other departments

Provided reports to management on customer needs, issues, interests, competitive activities, and potential for new products and services.

Intense in-person work

Thinking outside the box and creating interpersonal relations quickly

Received an excellence award during the holidays

**Education**

B.Sc.

Afeka College of Engineering - Tel Aviv, IL 2014 to 2018

Skills

SOLIDWORKS , MATLAB, CAD , HVAC, PRINTING , autocad, project management, Mechanical Engineering, Mechanical Design

**Military Service**

Branch: Armored forces Service Country: Israel Rank: Staff Sergeant

November 2009 to November 2012 Tank commander