

## **Alon Stern, Ph.D.**

### **Project Role:**

- Senior synchronization engineer

### **Affiliated Organization:**

- RAD

### **Job Title:**

- Algorithms & timing expert

### **Relevant Job Experience:**

- 20 years of experience in the telecommunication industry, 15 years of experience in algorithm development for timing and clock recovery over packet-based networks
- Extensive knowledge of PWE3, PTP1588, SyncE. Attending and presenting at ITU, ITSF and WSTS standard committees
- Leading a team developing timing and synchronization solutions

### **Significant Accomplishments:**

- Inventor of four patents for high precision clock recovery over packet networks
- Publications:
  - Inferring mitochondrial and cytosolic metabolism via deconvolution of whole cell measurements
  - Tumor reliance on cytosolic versus mitochondrial one-carbon flux depends on folate availability
  - Real-time stabilization of long-range observation system turbulent video

### **Education:**

- PhD student - computer science, Technion - Israel Institute of Technology
- M.Sc. Computer engineering – signal and image processing, Tel Aviv University
- B.Sc. computer engineering, Technion - Israel Institute of Technology

### **Professional Affiliations and Committee Memberships:**

- ITU-T SG15 participant