PRODUCT MANAGER & PROJECT MANAGER

Profile

- Led cross functional groups through the definition, design and formal proposal of an innovative autonomous airborne guidance sensor system, which navigates and tracks extreme velocity objects. This new product is the first of its kind to provide robust quality in highly challenging environmental conditions and is expected to generate $10M within 24 months from launch

- Product Manager in a $60M program jointly developed by IAI and Raytheon. Worked directly with the client on the entire project life-cycle, from designing the first KPIs, through the planning of the project, prioritization and resource allocation to the implementation of the first MVP

- Evoked and directed a strategic partnership with another business unit addressing an extremely tight budget and limited development time. Collaboration led to a new sensor design that met all of the requirements, reduced time-to-market by 20% and displaced the incumbent

Professional Experience

Bae Systems Product Manager & Project Manager 01/2012 to 09/2014

- Directed 15+ engineers in software, algorithm, firmware and control teams developing an airborne RF sensor system through all phases of product development life cycle. Maintained product road map while driving design, implementation, debug, verification and deliverables through effective teamwork,communication and mentoring
- Contributed to product's differentiation by conducting competitors analysis and suggesting new conceptions and technological features
- Initiated and carried out a risk mitigation plan by introducing a system simulation & validation that provided the client with first proof of concept of the product performance
- Assembled an innovative simulation group composed of multi-disciplinary talent. The group created a common platform for company's products, enabling early assessment of product's performance
- Communicated with senior management about product milestones, risks, budget, progress and timelines
- Defined a new company standard for system integration methodology including Agile concepts reducing components integration time by 40% while raising software quality by 60%
- Invented a patent for mounting two types of sensors on a common airborne platform
- Received Employee Achievement Award in recognition of outstanding performance of inception and delivery of an RFI response and SOW of a new sensor product line

Mercury Systems Inc. Senior Systems Engineer 03/2009 to 07/2011

- Characterized and implemented an SDK entitled for optimal deployment of a collection of sensors for object detection. Worked closely with customers effectively coordinating the system's requirements and suggesting metrics for performance evaluation. Delivered software product and demonstrated system's performance
- Designed and realized an interface between customer simulation system and company's product for the first time using advanced Matlab conversion toolboxes. Facilitated a software infrastructure which was used from this point on for integration of cross company products with customer system
- Contributed to software architecture design by recommending a model based approach to cross-company products
- Directed a project life cycle from requirement specification through deployment and integration at customer sites
- Trained engineers with interfacing high level coding language to scientific language

Cellmax Systems - Speaker Recognition Solution Software and Algorithm Developer 07/2004 to 02/2008

- Created a speaker identification system for an early-stage startup
- Developed first R&D engineering model which was the base for later product developmemnt
- Performed research, development & implementation of speaker identification algorithms
- Implemented speaker identification and separation using statistical inference algorithms - e.g., statistical models (HMM, GMM, etc.), classification & clustering methods
- Interfaced speaker recognition system with state of the art speaker databases and presented high performance of product

Scitex Vision - Digital Printing Firmware Engineer 02/2001 to 03/2003

- Developed and defined firmware device architecture entitled to control data flow and timing requirements of a digital printing system
- Performed simulation verification and lab testing identifying code bugs and timing malfunctioning
- Implemented specifications using VHDL

Technical Skills

- Languages: C,C++,SQL,HTML
- Tools: Matlab,Simulink,ModelSim
- Applications: MS Office/Project, Visio
- OS: Windows

Education
B.Sc : Electrical Engineering Tel Aviv University , City , Israel

- Expertise in signal processing, communication systems and software
- Received scholarship from Israel's Ministry of Science,Technology and Space

Additional Courses

- Product Management
- Entrepreneurship and Business Planning
- System Engineering Technologies
- Advanced Object Oriented Design
- RF systems