Mike Van Schoiack Résumé

Education:

BSEE, Oregon State University, 1964
Graduate Studies, University of Minnesota, 1965/66, Control Theory

Professional Engineer, State of Washington

Career:

2009 – Present Various consulting, Ivanco Technology LLC

1988 - 2009 Founder & President – Vehicle Monitor Corporation, Redmond, WA

Responsibilities:

Management, Engineering, Strategic Alliances, Business Development

Accomplishments:

Conducted ABS Field tests for NHTSA resulting in present rulings – 3 projects
Developed innovative Current Signature Analysis Testing Technique
Grew VMC into the leading Heavy Equipment Testing Company
Developed DVEeLink™ a Driver-Vehicle-Enterprise communication system
Developed SmartDisplay™-An Dash Mounted Display used in Mack & ITEC Trucks
Contributed a number of concepts to T&B Vehicle Data Bus Technology

1986-1987 V.P. Engineering – Vehicle Systems Corporation (VSC, Owned by Caterpillar)

Responsibilities: Engineering Management/New Product Planning/Development

Accomplishments: Invented Analog Oil Level Sensor

1981-1987 V.P. Engineering – GLI Corporation, Woodinville, WA (Owned by Baker Mining)

Responsibilities: Engineering Management/New Product Planning/Development

Accomplishments: After conducting a market survey, we designed & developed the Vehicle Management System product line. We invented coolant and oil Level sensors. Organized Dept. Developed drilling products. Participated in sell to Caterpillar.

1977-1981 V.P. Engineering – Quinton Instruments, Seattle, WA.

Responsibilities: Engineering/New Product Planning/Development

Accomplishments: Developed first electronic products for the company; Stress Test ECG Monitor & Electrode (patent). Was, for 7 months, acting Operations Manager. Participated in plans to go public, resulting in sale of company to Robbins.

1966-1977 Principal Engineer/Section Mgr – Sundstrand Data Control, Redmond, WA

Responsibilities: Design Engineering/supervision, Transducer Division

Accomplishments: Improved electronics designs; implemented monolithic chip Servo electronics & hybrid packaging. Helped the business grow from $1.5M/yr to >$20M/yr & become leading accelerometer mfgr. Was project engineer for virtually all major accelerometer programs during tenure.
Developed accelerometer used for “guided-oil-drilling”, now $40M/year
Numerous patents.

1964-1966 Design/Evaluation Engineer – Honeywell Aero Division, Minneapolis, MN

Responsibilities: Design Engineering, Apollo Stabilization & Control Electronics.

Accomplishments: Work resulted in redesign of the Control Electronics and 12 Patent Applications

Activities: Boy Scout Troup Leader
Volunteer BSA Learning For Life Program
Various Trade Organizations, SAE T&B Control & Communications Task Force, many years

Mike Van Schoiack Résumé

	First One Robotics Mentor, Newport HS, Sammamish HS
Patents:	Numerous patents related to sensors and instrumentation.
Personal:	Married with child, enjoy sailing, jogging, traveling, skiing, technology, reading, Amateur Radio (W7ZTQ), astronomy