

TIMOTHY NGUYEN, MBA

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EDUCATION

Miramar College, San Diego, California, U.S.
University of California San Diego, California, U.S.
University of Hawai'i - Shidler College of Business

A.S. Physics, May 2005
B.S. Electrical Engineer, June 2008
MBA, July 2019

Summary:

- Vietnamese American, speak fluently both in English and Vietnamese with excellent communication and interpersonal skills, result and customer oriented. With more than 10 years' experiences in Design, Testing, Servicing, Application, Manufacture, Product development, Project management and included more than 3 years in leadership and managing an engineer's team.
- I have graduated the Master of Business Administration at University of Hawaii -Shidler College of Business (Vietnam Executive MBA). The focusing field are Digital Transformation, Business intelligent, Business Modeling and Data Analytics.
- Customers orientated, customers satisfaction and customer centric are my core business. Provide ongoing strategic and operational guidance to support new business activities and customers relationships. On addition to the digital transformation, I am interesting on business process transformation and business model transformation with the vision on transform by digitalization, automation, simplification, innovation and disruption.

Technical and Soft Skills:

- Programming languages: C, C++, R, Python, SQL, MATLAB, LabView,
- Hardware and Test experiences: Microcontroller, IoT, embedded, GUI, GPIB, I2C, DFT, DFM, Testing & Debugging (system, circuitry, components), Semiconductor metrology
- Experiences on AutoCAD, SolidWorks, PCB schematic and PCB layout (Altium, Mentor Graphic, Cadence Allegro), APD Cadence,
- Experience on 5-Why, 8-D, Lean & Six sigma, Quality Control and Management
- Familiarity with electronic equipment such as oscilloscopes, logic analyzers, DVM's, spectrum analyzers, network analyzers, and computerized test equipment
- Experience on Semiconductor process, design, testing, manufacturing and development to NPI
- Experiences on products cycle from development, verification, validation, NPI to Production then mass production.
- Certify on leadership leading, Project management, IT Governance and Management, IT Cyber Security, Cloud
- Experiences on key account customers management and cross function working with multiple teams and departments
- Driven Digitalization with data driven decision by The Insights & Analytics, BI tools (Tableau, Power BI)
- Transformation of data for decision-making of the Business Intelligent and Business Operation

WORK EXPERIENCE

Date Dec 2019- Present
Company Freelancer @Trident Technology
Job title Digital Transformation Manager

- Responsibilities: I am cooperating with Trident's team to work on Digital transformation, ERP/CRM Implementation/Migration, Business Intelligent project and Cyber security as a consultant and project management.
- Take responsibility for owning and delivering a specific target for a set of clients

Date Oct 2016-Oct 2019
Company eSilicon HCM- VN (Etown2-HCM, VN)

Job title **Program Manager**

Responsibilities:

- Management of eSilicon's customer engagements in the Semiconductor industry for the execution of Memory IP development.
- Manage and lead a group of highly skilled and multi-discipline team members toward the successful execution of business objectives
- Manage daily activities of cross functional team members
- Business level focus on details leading cross functional team members from Design Engineering, Marketing, Sales, Finance and Legal
- Responsible for project schedule, scope and cost including the issuance of ECO's for Plan-of-Record changes
- Responsible for planning resource requirements and negotiating team resource assignments with functional managers
- Acts as information bridge between senior management, team members and the customer; prepares and presents updates and project reviews
- Ensure compliance to internal control procedures and business processes
- Responsible for the planning, scheduling and execution of engineering and product development
- Tracks progress against plan including the management of project budget, forecasts and manages project costs to completion, identifies project risks including providing plans to mitigate those risks and provides periodic updates on the project to the business
- Hold regular team meetings to communicate goals and track progress
- Support Design Managers during the phase of Memory IP development
- Negotiate, resolves conflicts, and drive consensus among team members to accomplish project and business goals
- Monitor risk and plan mitigations to maintain business and project objectives

Date **Jan 2016-Sep 2016**
Company **Ascenx Technologies VN (Etown1-HCM)**
Job title **Manager- Engineering Service Support**

Responsibilities:

- Managing a team with 5 engineers in temporary assignment.
- Leading a team to support multiple departments and different regions (US, Israel, Singapore, and Vietnam)
- Propose and handle multi-projects for growing the team as well as the company.
- Ascenx is a servicing company, the customer (KLA-TENCOR). We are an offshore Engineering Centre for KLA Tencor

Date **Mar 2013-Jan 2016**
Company **SV TCL PROBE VIETNAM CO. LTD (BINH DUONG, VIETNAM)**
Job title **PCB Application | HEAD of PCB Department (Vietnam)**

Responsibilities:

- Provides leadership and direction on a variety of projects as needed.
- Performs or guides designers on highly complex PCB designs, creates engineering documents
- Determines preliminary and feasibility studies of orders for proper information and technical
- Performs clean order functions, internal applications work for PCB design
- Ensures all information for an order is complete and does not conflict with other technical data
- Serves as one point of contact to sales and field applications
- Assists design and/or manufacturing when needed
- Act as a mentor to all levels of PCB designers
- Head of PCB Design Department in Vietnam (manage 13 engineers, 2 technicians)

Date **May 2010-Feb 2013**
Company **MICROPROBE INC. SAN JOSE, CA**
Job title **PCB Design Application Engineer**

Responsibilities:

- Provide engineering and application support for PCB group
- Review customer documents, create specifications, design rules, generate net lists and interpret
- Semiconductor ATE electrical and mechanical documents.
- Project management for new project and new design which interface with customers, suppliers and field service engineers.

Date **Sep 2009 – May 2010**
Company **CHATSWORTH PRODUCT INC. SAN CLEMENTE, CA**
Job title **Test Engineer (contractor)**

Responsibilities:

- Validate the new design and implement procedure for product develop
- Test and verify programming for all PCBs
- Calibrated and Trouble shoot for all PDU products
- Management and cooperation with R&D Engineers for new project and new design

Date **Nov 2007 – Jul 2009**
Company **NAVISCAN INC. SAN DIEGO, CA**
Job title **Associate R&D Electrical Engineer**

Responsibilities:

- Building and testing an A to D circuit board by using PSPICE Capture and PSPICE Simulation
- Experience on mixed signal, A/D, D/A signal processing
- Experienced on EMC design and test, UL, TUV and product safety for certified in FDA clearance
- Tested and calculated power dissipation and optimized the power supply for PET Systems
- Notable Accomplishments: Re-designed the systems in order to upgrade for next generation of PET

Date **2007**
Company **EPICENTER INC. SAN CLEMENTE, CA**
Job title **Electrical Engineer Assistant (Internship)**

Responsibilities:

- Programming and testing components for Data Counterpoint then installation
- Trouble shooting and installation hardware to complete KVM (Keyboard Video Mouse) produces
- Verification and calibration PDU (Power Distribution Unit) values and level