NICHOLAS R. STAUSS

2112 Addison Street, Berkeley, CA 94704
(916) 899-8525 • nickstauss@berkeley.edu

PERSONAL PROFILE:

Dependable and motivated graduate student with multi-year work experience. Proven track record of building rapport and collaborating to achieve shared goals and objectives. Strong ability to work autonomously or lead diverse teams through effective communication and action. Dedicated and ethical individual with a passion for forward progress.

EDUCATION:

University of California, Berkeley, CA (GPA: 4.0) — Expected May 2016
Master of Engineering, Industrial Engineering & Operational Research
Coursework: Risk Simulation, Data Analysis, Optimization Modeling, Engineering Leadership, Project Management
Supply Chain & Logistics Management, Economics & Dynamics of Production
Capstone Integration: Team Leader/Project Manager; 3D holographic-lithography research and market viability analysis

University of California, Los Angeles, CA (GPA 3.3) — June 2012
Bachelor of Science, Material Science & Engineering

TECHNICAL SKILLS:

Proficient: Microsoft Excel, SAP Crystal Reports, IQMS (ERP System)

WORK EXPERIENCE:

Northern California Injection Molding Inc., Rancho Cordova, CA — Jan 2013 – July 2015

Account Manager

- Orchestrated harmonious relationship with customer buyers for efficient material resource planning
- Created and tracked new project timelines from introduction to production
- Facilitated supply chain development projects to reduce lead times, inventories, and transportation costs

Manufacturing Engineer

- Optimized manufacturing operations, such as transaction efficiencies, through interdepartmental collaboration
- Implemented organization-wide Serialized Inventory Control. Inventory accuracy improved from ~90% to 99.9%, on-time-delivery for our top customer reached an unprecedented 100% for 14 straight months.
- Restructured and standardized production documentation, training, and implementation
- Head of scrap waste reduction team successfully reducing cost of waste by ~$55,000 first year
- Created specialized Crystal Reports to accelerate data analysis. Used said reports to demonstrate trends and costs to executive management.

UCLA Materials Science Department, Los Angeles, CA — Spring 2012

Research Assistant

- Researched strength and failures of composites through experimental prototype testing
- Conducted compression tests of carbon fiber reinforced polymer (CFRP) samples
- Developed manual lay-up and cure of CFRP structures from fiber to final structure

Teledyne Controls, El Segundo, CA — Summer 2011

Intern - Engineering Processes

- Researched and standardized alternative adhesive systems for avionic instruments
- Maintained hazardous material disposal procedures and digitized MSDS database
- Ensured chemical compliance with RoHS and Military specifications

ENGINEERING PROJECTS:

AREAS OF INTEREST: MANUFACTURING, PROBLEM SOLVING, IOT, SUPPLY CHAIN DEVELOPMENT, ENTERPRISE SOFTWARE

- *Serialized Inventory Control* – Integrated and implemented a system-wide inventory management system using serialized barcodes. Project included five months of individual research, three months of testing, as well as building and directing a select team of 15 members to implement the project to 95% completion in a single 8-hour shift.
- *Structural Design* - Designed and built CFRP I-beam prototype using manual lay-ups and custom molds.
- *Structural Design & Analysis* - Designed and built CFRP encased epoxy column for failure analysis for potential application in freeway infrastructure
- *Semiconductor Fabrication* - Processed Si and GaAs wafers in clean room environment to make MESFETs and MOSFETs through photolithography, deposition, and etching.

PERSONAL INTERESTS:

- Technology, volleyball, trivia, science, space, football, cooking, music, travel, reading, SCUBA