

Leo P. Devota

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EDUCATION	University of Michigan: College of Engineering <i>B.S.E in Chemical Engineering 2015</i> GPA 3.89/4.00 <ul style="list-style-type: none">College of Engineering Honors Program Focus Area: Entrepreneurship	Ann Arbor, MI
WORK EXPERIENCE	BASF <i>Technical Services Intern</i> <ul style="list-style-type: none">Named as an inventor on pending US patent application pertaining to novel UV absorber-hindered amine light stabilizer formulations in candle waxFormulated BASF antioxidants into base paraffin waxes and evaluated color development changes after thermal and UV exposure	Wyandotte, MI
Summer 14		
Summer 13	ALCOA Howmet Thermatech <i>Process Engineering Intern</i> <ul style="list-style-type: none">Generated ~\$300k annual savings by improving platinum reclaim system through system pH, temperature, and fluid movement optimizationProtected \$3M in continued business by developing new chrome based coating technique for turbine blades	Whitehall, MI
Oct 12 – May 14	University of Michigan Dept. of Chemical Engineering <i>Research Assistant, Professor Burns Laboratory</i> <ul style="list-style-type: none">Fabricated novel microsensor to calculate the flow rate of a fluid based solely on the rate a heated sensor is cooled in order to collect data in fixturesCreated and maintained electronic inventory in order to improve the safety and awareness of specific chemicals within the labDesigned and prototyped microsensor sensor cap using CAD software and 3D printing techniques	Ann Arbor, MI
GROUP EXPERIENCE	Tau Beta Pi Engineering Honors Society <i>Secretary (previously Corporate Relations and Intersociety)</i> <ul style="list-style-type: none">Organized MLK, Jr. Luncheon Series to provide a forum where students, faculty, and staff can discuss current social issues on campusCoordinated social events with 75+ people between multiple student groups on engineering campus	Ann Arbor, MI
Jan 13- Present		
Jan 14 - Present	SWE/TBP Career Fair Chair <i>Hospitality Chair</i> <ul style="list-style-type: none">Coordinated refreshments and lunches for ~ 300 companies (~1000 people)	Ann Arbor, MI
ADDITIONAL	BP Ultimate Field Trip Competition National Champion BASF Summer Intern Challenge Winner Dept. of ChE Bartus Scholar, Shipman Scholar, BP Industrial Scholar AIChE, member, Fall 12 OXE, member, Fall 13 Intramural Sports: Beach Volleyball, Basketball, Flag Football, Soccer, Floor Hockey	