

Alexander Robert Ocken

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<http://aocken.wix.com/ocken-e-portfolio>



Objective

Seeking Summer Internship to further my development as an aspiring Engineering Leader. Please explore my experience and growth from this Resume and my Electronic Portfolio using the QR Code above.

Education

Canterbury High School

2012

- 4.21 GPA

Purdue University-Undergraduate

August 2012 - May 2017

Weldon School of Biomedical Engineering

- Biomedical Engineering Major

School of Engineering Education

- Engineering Leadership Minor at Purdue (ELP)

Academic Standing

- 1st Semester Junior (by year)
- 2nd Semester Senior (by credit)
- 3.58 GPA

Engineering Skills

Exemplary Work Ethic

Data Analysis

FPX Project Management

Validation/Verification

Biomedical Engineering

Excel and Office Suite

Gage R&R and Methods

Laboratory Techniques

Leadership

MiniTab

MATLAB

Python

Work Experience

Johnson & Johnson - DePuy Synthes Orthopaedics

2014-2015

Rotation 3 - Continuous Improvement Quality Engineer Co-op

Summer-2015

- Excelled in the lifestyle of a fully qualified Quality Engineer in the joint reconstruction manufacturing plant in Warsaw, IN.
- Vision System Validation/ pFMEA & RMR Assessment/ Manufacturing Control Plans.

Rotation 2 - Continuous Improvement Quality Engineer Co-op

Fall-2014

- Engaged in most of the duties of an Quality Engineer in the joint reconstruction manufacturing plant in Warsaw, IN.
- Programmed new quality tools for part inspection and developed appropriate corresponding process verification and validation protocol for the implementation/ Electronic Hydrometers/ Cosmetic Attribute Gage Study/ PLM.

Rotation 1 - Process Quality Engineer Co-op

Spring-2014

- Acclimated to the duties of a Quality Engineer/Technician in the joint reconstruction manufacturing plant in Warsaw, IN.
- Developed basic process verification and validation protocols for new product launch/ Gage Pins/ ADAPTIV Project Lifecycle Management.

Supervisor - Joseph Perry (260) 226-1573 jperry20@its.jnj.com

Dr. Alyssa Panitch - Laboratory for Engineered Therapeutics

2014

Undergraduate Research Assistant

- Engaged in Collagen Scaffold Synthesis including artificial peptide synthesis, collagen I and II isolation and purification, and primary chondrocyte cell culturing.

Supervisor - Dr. Alyssa Panitch apanitch@purdue.edu (765) 496-1313

Graduate Student - Nelda Vasquez nvazque@purdue.edu (765) 496-1487

Awards

Purdue Presidential Academic Scholarship

2012-2017

- Award granted for high academic achievement, including leadership and service in school and the surrounding community.

AMD EPICS Design Award

2013

- Presented for excellent design of Cellular Engineering Demonstrations Interactive Cell Model for the Indianapolis Children's Museum.

I²D Poster Exposition Award

2015

- Presented for excellent undergraduate R&D projects in international development on display during the poster session for the EPICS - Abōd Team

William P. Corcoran EPICS Award

- Presented for Outstanding Leadership and Project Management

2015

References available upon request.

Updated 09/14/2-14