

Andrew K. Huynh



735 Snowdrop Court, Morganville, NJ 07751
(732) 492 2913
andyhuynh06@gmail.com
www.linkedin.com/in/ahuynh10

EDUCATION

Georgia Institute of Technology – Atlanta, GA

Chemical and Biomolecular Engineering, Bachelor of Science – Summa Cum Laude

May 2018

GPA: 3.56

PROFESSIONAL EXPERIENCE

Merck & Co. – West Point, PA

Associate Specialist, Engineering

July 2018 - Present

- Provided engineering technical support to the manufacture of liquid vaccines

Merck & Co. – West Point, PA

Vaccine Manufacturing Operations Intern

May 2017 - December 2017

- Standardized Tier meetings across three processing areas to improve communication among management
- Authored SOPs, guidelines, and training plans to increase cGMP adherence and Right-First-Time for Biotechnicians
- Created analytical tools to expedite verification of parameters, calculations, and errors during Batch Record Review
- Supported requalification for operational compliance of Varicella bulk manufacturing following a global cyber attack

Merck & Co. – Boston, MA

Discovery Pharmaceutical Science Intern

May 2016 - August 2016

- Optimized the process design for the generation of amorphous dispersions by reducing processing length by 66%
- Executed formulation development based on a working knowledge of physicochemical drug properties
- Developed small-scale *in vitro* and *in vivo* testing to lead and make recommendations for furthering projects

Georgia-Pacific LLC – Decatur, GA

Quality Control Intern

January 2016 - May 2016

- Designed a testing protocol and program for assessing slurry quality to allow for proper line adjustments to be made
- Performed data analysis to determine most effective implementation strategy for a new foaming agent
- Implemented a Quality Specifications spreadsheet to expedite wallboard product assessments in plants nationwide

DuPont Protection Technologies – Richmond, VA

Manufacturing Technology Engineering Intern

January 2015 - May 2015

- Investigated improvements pertaining to the scale-up of the Nomex® bicomponent spinning process
- Coordinated experimental spin cell tests while controlling the DCS and working closely with operations
- Completed vital projects including improvement of process flushing system to decrease down time by 50%

LEADERSHIP AND INVOLVEMENT

Georgia Tech Chem-E-Car: Co-President

August 2014 – May 2017

- Arranged lab sessions through assigning tasks to group members and ensuring team goals were met on time
- Aided in the writing of an in-depth engineering document while handling other administrative requirements

Vietnamese Student Association: Secretary

January 2016 – May 2017

- Managed the organizations' membership and communicated with Event Coordinators
- Recorded and maintained minutes for VSA board meetings and made them available to the general body

GT1000 Team Leader

August 2016 – December 2016

- Led 30 freshmen through in-class activities and projects to facilitate integration into college
- Presented information and fielded questions about Tech traditions, majors, and involvement opportunities

Georgia Tech Energy Club: Operations Division

August 2014 – December 2016

- Organized weekly "Energy Chats" to engage members in energy-related discussions with local professionals
- Helped in managing expenditure, fundraising for outreach activities, and membership tracking

SKILLS

Software

ASPEN Plus, AutoCAD, ChemDraw, DeltaV, LIMS, Mathematica, MES, Minitab, OriginLab, SAP, SolidWorks

Languages

MATLAB, Python, R, VBA, JavaScript, HTML, L^AT_EX