

# Evan Anderson

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## Education

**Georgia Institute of Technology, Atlanta, GA**

May 2016

Bachelor of Science in Chemical and Biomolecular Engineering

Pacific Program Study Abroad (New Zealand, Australia and Fiji)

Jan – April, 2014

Relevant Undergraduate Coursework

- Microfabrication - Production of Semiconductor Devices and Packaging
- Energy Systems - Electrochemical Devices, Energy Storage and Energy Conversion
- Nanoscale Systems - Assembly and Technology of Nanostructures and Catalysts
- MEMS Systems - Design, Simulation, and Mechanical and Electronic Analysis

## Employment

**Micron Technology** - RDA Engineer

August 2016 - Present

- Day-to-day product disposition and review of defects
- Defect analysis and sourcing across entire R&D fab
- Implementation and utilization of Wafer-Insitu Inspect tools

**GT Institute of Electronics and Nanotechnology** - Student Assistant August 2015 - July 2016

- Microelectronics and nanotechnology processing
- Instrument maintenance, calibration and user training
- Focus on metallization, oxide layer deposition, and SEM tools

**ALCON** - Chemical Engineering Internship

May 2014 – August 2014

- Distillation Column Optimization
- Write standard operating procedures for 20+ manufacturing processes
- Designing solvent containment and distribution vessels

**PERIMETER CHURCH** - Campus Ministry Internship

May 2014 – August 2014

- Building an alumni database through relational networking
- Assist in creating an effective ministry plan on a college campus

## Projects

**BAKER HUGHES - Polyisobutylene Plant Senior Design/Thesis**

- Simulate, plan, and design a processing facility for a polyisobutylene based slurry
- Provide a full cost analysis and economic evaluation of the plant's feasibility

## Interests and Activities

**BETA THETA PI FRATERNITY**

- VP (Risk Manager) - Facilitate safe environs and guide chapter to attain future goals

**CAMPUS OUTREACH**

- Summer Leadership Project – 9 week leadership and ministry conference (May-Aug 2013)
- Brazil Cross Cultural Project - 2 month cultural and missional immersion (May-July 2015)

**IRONMAN** - Finisher, Louisville (Aug 2013)

## Skills

- Mac OSX, Microsoft Word, Excel, Powerpoint
- Proficient in Java, HTML/CSS, and MatLab
- Aspen Plus and COMSOL