

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

GT Institute of Electronics and Nanotechnology - Student Assistant

August 2015 - Present

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

ALCON - Chemical Engineering Internship

May – 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 – August 2014

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

OUTDOOR RECREATION GEORGIA TECH - Whitewater Kayaking Instructor

- Teach the basics of kayaking to 20+ beginner students in pool sessions
- Lead students and provide safety on class II/III rivers on organized trips

Projects

BAKER HUGHES - Polyisobutylene Plant Senior Design/Thesis

- Simulate, plan, and design a 30,000 lb/day plant producing 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