

Gregory Ketchum

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EDUCATION

State University of New York at Geneseo

Geneseo, NY

- Bachelor of Arts, Mathematics
- Bachelor of Science, Biology

May 2014

JOB EXPERIENCE

Thomas Electronics

Clyde, NY

Data Analytics Intern

May – Aug 2013

- Developed data acquisition protocols, collected manufacturing process data, analyzed data and reviewed results with engineering and quality departments to modify processes.
- Implemented supply chain improvements and made business recommendations using optimization and operations research techniques

Thomas Electronics

Clyde, NY

Business Analytics Intern

May – Aug 2012, 2011

- Assisted in the implementation of new ERP software (Infor Syteline) for management of manufacturing tools
- Reviewed purchasing data and improved planning accuracy using statistical methods

SKILLS AND RELEVANT COURSEWORK

- R (STATISTICS AND MODELING)
- Matlab
- C/C++
- SAS
- Microsoft Office
- Linear Programming and Operations Research
- Statistics / Computational Statistics in R
- Modeling Biological Systems
- Linear Algebra and Differential Equations
- Numerical Analysis

RESEARCH

- **Statistics, Data Analysis and Financial Math:** Used statistical methods and financial modeling to analyze the effectiveness of using securitization techniques to fund biomedical research
- **UP-Stat Data Competition:** Placed third in predictive modeling data analysis competition focused on the use of large data sets
- **Mathematical Modeling in R:** Created multiple epidemiology models and used statistical methods to assess varying intervention and prevention strategies

LEADERSHIP

- Geneseo Women's Club Soccer - **Head Coach**
- Geneseo's Finance Club – **Senior Analyst**
- **Intramural Team Director** – Organized team participation and collected dues for offered intramural athletics