

KENTO YAMAGUCHI, EIT

299 Drive Shaw Road,
Slingerlands, New York 12159
518-618-9875
kentoy518@gmail.com
linkedin.com/kentoy518

OBJECTIVE: Seeking a position at an engineering consulting company where I can maximize my extensive knowledge and natural talent on engineering, mathematics, and decision making. I am available full-time immediately and I am a US citizen.

PROFESSIONAL EXPERIENCE

Maser Consulting, PA, Colonie, New York – Electrical Engineer Intern May 2018 – July 2018

- Used Civil3D to add substations, switchgears, and other electrical infrastructure on site plans.
- Conducted field inspections to collect data on the conditions of electrical equipment.

NYSERDA, Albany, New York – Electrical Design Analyst February 2017 – February 2018

- Calculated specifications on electrical diagrams to abide by the NEC for contractors applying for funding.
- Used Excel and SQL to organize data, calculate project finances, and optimized costs for solar projects.

TransTech Systems, Schenectady, New York – Electrical Engineering Intern July 2016 – September 2016

- Used Simscape Electronics to create and investigate a circuit model of the company's "On-The-Run" machine to verify collected data and predict future outcomes.
- Analyzed data using Python to make conclusions on trends, evaluate the success, and made suggestions for improvements on the company's "On-The-Run" machine.
- Facilitated data collection and entry from evaluation boards utilizing signal processing techniques.

SEO WebMechanics, Altamont, New York – Marketing Intern June 2015 – September 2015

- Created and optimized websites, based on client needs, to advance marketing and sales efforts.
- Promoted the "Small Business Albany Showcase" through print and radio marketing.

LEADERSHIP EXPERIENCE

Eagle Scout, Troop 1083, Guilderland, New York – Boy Scouts of America 2009 – 2013

- Achieved Eagle Scout rank, scouting's highest rank, by completing a stringent set of criteria.
- Managed a group of 20 boy scouts and adult leaders in a "clean-up" project at the miSci museum.
- Assumed responsibility as the "Leave No Trace Trainer" to help scouts become more environmentally aware.

Course Assistant, Union College – Electrical Engineering Department September 2015 – June 2016

- Assisted students in the classroom and laboratory for basic and intermediate electrical engineering courses.
- Reviewed course material in upcoming exams for 20 – 24 students.

ADDITIONAL SKILLS

- Engineer in Training (EIT) July 2018
- OSHA 10 Certified June 2018
- On-Demand Math Tutor: Various Locations 2012-2018
- Technical Skills: Civil3D / AutoCAD / MATLAB / Microsoft Office / Google Docs / Simulink / MySQL / Mathematica / VBA / YouTube / Python / WordPress / Google AdWords
- Mathematical Skills: Calculus / Trigonometry / Algebra / Differential Equations / Geometry / Linear Algebra
- Soft Skills: Critical Thinker / Goal-Oriented / Good Work Ethics / Detail-Oriented / Writing / Willing to Learn

EDUCATION

Clarkson University, Schenectady, New York – M.B.A. June 2018

- GPA: 3.8/4.0 / Capstone Project: Business Consulting for United Airplane Technologies

Union College, Schenectady, New York – B.S. in Electrical Engineering December 2016

- GPA: 3.5/4.0 / Honors: Scholars Program / Electrical Engineering Honor Society
- Leadership Roles: President – Student Engineering Forums / Vice-President – Scholars Steering Committee / Public Relations Chairperson – Golub House Council
- Study Abroad – Mini-Term Abroad in New Zealand to study technical and economic effects of wind energy.