

KENTO YAMAGUCHI

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OBJECTIVE

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

EDUCATION

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

- *GPA*: 3.8/4.0
- *Capstone Project* – United Aircraft 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
- *Senior Thesis Project* – Bicycle Powered Charger (May 2015 – March 2016)
- *Leadership Roles*: President – Student Engineering Forums / Vice-President – Scholars Steering Committee / Public Relations Chairperson – Golub House Council
- *On-Campus Work*: Course Assistant – Electrical Engineering Department / Tutor – Engineering and Math / Counselor – Robot Camp / Lab Assistant – Machine Lab
- *Study Abroad* – Mini-Term Abroad in New Zealand

PROFESSIONAL EXPERIENCE

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

- Calculated the power and amperage of PV systems on electrical diagrams to abide by the NEC.
- Evaluated up to 50 applications per day for contractors applying for solar energy funding.
- Used Excel 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 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

- Technical Skills: MATLAB / Microsoft Office / Google Docs / AutoCAD / Simulink / Multisim / Logisim / Quartus / Mathematica / YouTube / WordPress / Basecamp / Google AdWords / Google Webmasters / Yext
- Mathematical Skills: Calculus / Trigonometry / Algebra / Differential Equations / Geometry / Linear Algebra

Math Tutor, Various Locations 2012-2016

Blood Services Volunteer, Albany, New York – American Red Cross 2009-2015

Cashier, Latham, New York – Target 2014-2017

Produce Sales Associate, Voorheesville, New York – Hannaford 2013