

# Raiden Jay Kim

Product/Content Developer

**Personal Info**  
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**Professional Summary**  
Adept at designing product and content solutions in a fast-paced environment. Passionate in promoting new features in next generation electrical products.  
  
Detail-oriented product developer with four years of product development and marketing support experience.  
  
Seeking to leverage product and content development skills as a marketing specialist.

**Skills**  
  
**Mechanical Software:**  
Creo, NX  
Autodesk CFD  
Ansys (Simulation)  
  
**Content Development:**  
SEO  
Youtube Analytics  
iMovie, Premiere Pro  
Image Editing  
Word, Excel, Powerpoint  
  
**Computer Software:**  
HTML, CSS, Javascript

**Certifications**  
Fundamentals of GD&T  
Electrical Contact and Arc

## WORK EXPERIENCE

### SIEMENS

*Product Development Engineer*

*February 2018 - Present*

- Experienced in working on electrical products, especially circuit breakers, on its entire product development cycle: brainstorming initial concept, designing and prototyping, supporting production with optimized processes for higher yield, and developing solutions for end user problems.
- Coordinated with marketing and legal teams on a groundbreaking, patented safety feature. Cost-feasibility and competitive advantages were analyzed. Meeting Workplace was utilized to track and implement the feature on three existing products.
- Analyzed competitor products to gain insights on their cost. Performed cost analysis and drew comparison between Siemens and competitor products.
- Served as a committee member for Northstar of Additive Manufacturing department at Siemens. Developed a new project roadmap utilizing Concept Board to produce detailed Gantt chart outlining project implementation.
- Designed a next generation circuit breaker with a new operating mechanism with improved cost efficiency by reducing the size overall. The new mechanism saves approximately 50% more space compared to the previous generation. Also, breaker operating speed was improved by 30%.
- Coordinated with Philippines suppliers as a manufacturing support in resolving issues with breakers in production and optimized production processes to get 15% higher first pass yield on a product.
- Inventor of two granted patents and three pending patents regarding product design innovations.

## PROJECT EXPERIENCE

### Youtube Channel Video Creation & Data Analysis

*Content Developer*

*November 2020 - Present*

- Utilized Youtube viewer analytics, algorithms, and SEO in energizing the video's online search presence, leading to enhanced content visibility.
- Employed various video and photo editing tools in creating original and inspiring contents.
- Currently operating a channel with more than 5500 subscribers and 1 million total views.

### Personal Website Design

*Website & Application Designer*

*May 2020 - Present*

- Designed user-interactive and responsive websites and apps utilizing front-end web development skills.
- Deployed numerous inspiring images and keywords in creative ways.

## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA

*Bachelor of Science in Mechanical Engineering*

*August 2014-May 2017(3 years)*

- GPA: 3.55
- Distinctions: Highest Honor, Dean's List