**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