

# DANU PETER KRIENGSI

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## SUMMARY

Full-stack web developer looking to build clean, responsive and easy to use cross-platform applications. In the process of earning a certificate in Full-Stack Web Development with a prior B.S. in Industrial Engineering and M.S. in Applied Systems Engineering, each from Georgia Tech. Prior professional experience as an occupational safety and risk management consultant, where I applied a systematic approach to understanding client processes and issues and developed effective solutions for increasing worker safety and reducing business risks. I'm excited to pursue a career when I can use both logic and creativity to craft elegant solutions to complex problems. Previous highlights of personal endeavors into coding include developing a JAVA application that applied a dynamic programming algorithm to predict the outcome of NCAA tournament games in my undergraduate studies, and building a web-controlled treat dispenser to help my dog overcome his separation anxiety.

## TECHNICAL SKILLS

Languages/ Libraries/ Frameworks: JavaScript, jQuery, HTML, CSS, Bootstrap, JAVA

Applications: VS Code, Git, GitHub, Microsoft Office Suite, Adobe Photoshop, Adobe Lightroom

## PROJECTS

**What's in the Box? | <https://github.com/pkriengsiri/whats-in-the-box> | <https://pkriengsiri.github.io/whats-in-the-box/>**

- Short summary of project (1-2 lines)
- Developed core app use cases and functionality. Identified target APIs.
- HTML, CSS, JavaScript, jQuery, Bootstrap, Font-Awesome, jQuery QR code library, paste.ee API, html2pdf API, orghunter charity search API, Google Maps API

**Weather Dashboard | <https://github.com/pkriengsiri/weather-dashboard> | <https://pkriengsiri.github.io/weather-dashboard/>**

- A weather dashboard that displays the weather outlook for multiple cities using the OpenWeather API
- HTML, CSS, Bootstrap CSS Framework, JavaScript, jQuery, OpenWeather API and the font-awesome icon pack

**Coding Quiz Challenge! | <https://github.com/pkriengsiri/code-quiz-game> | <https://pkriengsiri.github.io/code-quiz-game/>**

- An HTML-based coding quiz game, dynamically updated and tracked using DOM manipulation and local storage
- HTML, CSS, Bootstrap CSS Framework, and JavaScript

## EXPERIENCE

### **Owner Mantrada, LLC**

2016– Present  
Atlanta, GA

Providing occupational safety and risk management consultation services. Using communication and presentation skills to influence company business decisions. Practicing effective problem solving and listening skills to understand company process and work practices.

#### *Key Accomplishments:*

- Worked with over 10 commercial insurance carriers to provide timely and thorough risk assessments to inform underwriting selection of potential customers and retention of existing customers
- Provided consultation and training small businesses to manage risks, reduce workplace injuries, and achieve OSHA compliance.

### **Research Engineer Georgia Tech Research Institute**

2012-2016  
Atlanta, GA

Provided safety consultation services to small businesses in the state of Georgia through the OSHA 21(d) Consultation program. Facilitated and managed training courses provided through the Georgia Tech OSHA training institute and Georgia Tech Professional Education.

#### *Key Accomplishments:*

- Developed and delivered training new professional education materials related to ergonomics, machine safety, and temporary worker safety
- Supported ergonomic assessment of industrial product packaging

### **Production Manager AccuSentry, Inc**

2009-2012  
Marietta, GA

Oversaw day-to-day operation of production related activities (including manufacturing, purchasing, and shipping/ receiving)

#### *Key Accomplishments:*

- Developed a previous iteration of the company website using HTML and CSS
- Reduced the delivery time of spare part orders by 60% and customer repairs by over 80%
- Managed outsourcing of mechanical part assembly/ machining to achieve a 50-90% cost savings

### **Loss Prevention Consultant Liberty Mutual**

2005-2009  
Nashville, TN

Provided loss prevention consulting services to small-to-medium sized businesses across the Southeast. Used data analysis skills to identify key loss trends among customer claims data.

#### *Key Accomplishments:*

- Inspected the work facilities of over 200 small businesses across a wide variety of industries
- Work closely with sales and underwriting on the selection and retention of customers.

### **Dog Walker (Volunteer) Atlanta Humane Society**

2019-2020  
Atlanta, GA

Provide exercise and socialization for adult dogs. Counsel potential adopters on the adoption process. Assist in Humane Society adoption and marking events.

#### *Key Accomplishments:*

- Over 450 hours of volunteer service

## EDUCATION

**Certificate in Full-stack Web Development:** Georgia Tech, Atlanta, GA (2021)

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Node.JS, MongoDB and REACT JS

**M.S. Applied Systems Engineering:** Georgia Tech, Atlanta, GA (2015)

**B.S. Industrial Engineering:** Georgia Tech, Atlanta, GA (2005)