

Rahul K. Vasisht

• (321)287-3600 • rkvasisht@gmail.com • github.com/rkvasisht

EXPERIENCE

Electrical Equipment Engineer, The Boeing Company, Renton, WA February 20017-Present

- Design equipment to aid in 737 aircraft functional test.
- Troubleshoot software and hardware test equipment for all model aircraft.
- Utilized 3D printing tools to design innovative protection harness and parts.
- Maintain the robustness of the wing to body join equipment for the 737 airframe.
- Develop strategies to replace aging equipment with more sustainable designs.
- Manage the 400 Hz power distribution generators for the Boeing Renton facility.

Electrical Tooling Engineer, The Boeing Company, Everett, WA January 2016-January 2017

- Fabricated test cable using Catia V5 software
- Managed the life cycle for 747, 767 and 777 tooling.
- Developed innovative breakout box designs for airplane mechanics.

Electrical Design Engineer The Boeing Company, Everett, WA January 2015-January 2016

- Designed a 3G cell phone system for the 787 program.
- Worked with GOGO Inflight Internet company to qualify a new KU band antenna for all wide body aircrafts.
- Evaluated test reports for environmental and electromagnetic interferences.

Electrical Test and Design Engineer, The Boeing Company, Seattle, WA October 2013-January 2015

- Designed the wiring for the 787-10 aircraft test crib.
- Trouble shot hardware issue for all model aircraft power test cribs.
- Designed wiring for KC-130 Tanker light and camera lab.
- Redesigned the KC-130 Tanker power test crib.
- Worked with variable frequency power generators.

Design Engineer, The Boeing Company, Everett, WA January 2011-September 2013

- Designed galley equipment for all model aircrafts.
- Evaluated safety and compliance reports for airplane certification.
- Evaluated design changes on all galley equipment.
- Worked with various design teams to insure proper equipment integration.
- 747 equipment program manager.

Engineer Intern, EPG Engineering, Orlando, FL January 2010-December 2010

- Designed electrical systems for facilities including panel schedules, riser diagrams, load calculations, wiring diagram, generator sizing, utility integration, and other MEP needs.
- Developed marketing strategies to increase the current client roster by 20%.

EDUCATION

- Web Development Immersive, General Assembly May 2018-August 2018
- Bachelor of Science Electrical Engineering, University of South Florida 2009

COMPUTER SKILLS

- HTML, CSS, JavaScript, React JS, Node JS, SQL, Mongodb, Python, Django, AutoCAD, MATLAB, PSPICE, Labview, Ladder Logic, Catia V5

WEB DEVELOPMENT PROJECTS

- The Office Trivia Game: This application was trivia game based on the office. The logic was written in vanilla Javascript/HTML and styled in CSS. <https://github.com/rkvasisht/trivia>
- Carbon-Trip-Tracker: A full stack node application that tracks your carbon footprint based on driven. <https://github.com/rkvasisht/carbon-footprint-logger>

CERTIFICATIONS

- EIT Certified Passed the FE April 2010, license number 1100014511, State of Florida
- Big Data and Social Analytics Short Course Certificate, Massachusetts Institute of Technology, 2017
- Electronic Packaging Short Course Certificate, California State Fullerton, 2012