

Eric Nguyen

ericznguyen@gmail.com | <https://barbariceric.github.io/Resume-Design/>

SKILLS

Application Software: Microsoft Word, Microsoft PowerPoint, Microsoft Excel (Pivot Tables, VLOOKUP, SUMIF, Index, Match, and Conditional Formatting), Adobe Photoshop, and Adobe Illustrator

Business Intelligence and Visualization: Microsoft Power BI Desktop and Tableau Public

Certification(s): Google Analytics for Beginners and Advance Google Analytics

EXPERIENCE

Associate Test Technician (Full Time)

January 2022 – Current

Element Material Technology | Huntington Beach, CA

- Operate 1-10 temperature machines (100°F - 2200°F) such as ovens and furnaces at a time and utilize sub-zero temperature treatments using liquid nitrogen or dry ice for material testing in the aerospace, automobile, commercial/residential, and medical fields
- Support the preparation, measurement, and verification of metallic specimens using heat treatment SOP (Standard Operating Procedure) and manufacture or customer specification
- Conduct performance and stress test studies on metals and alloys and report results with correct significant figures and temperature conversion aided by computer software in laboratory certification

Sanitization Processor (Contract)

Sep 2021 – October 2021

Edwards Lifesciences | Irvine, CA

- Operated sterilization machines such as dry heat oven and autoclave (1-4) to ensure sanitization of components and equipment for manufacturing facilities
- Assisted in wastewater treatment for proper disposal following state, federal, and company environmental and health safety regulations
- Supported the preparation and verification of sterilized components, tools, and final products using SOP (Standard Operating Procedure)

Medical Assembler (Contract)

Aug 2019 – Sep 2019

Medtronic | Irvine, CA

- Performed precision assembly of neurovascular devices (prototype and final) individually and in a team structure through visual aids, schematics, and written or oral instructions
- Conducted functional testing of prototypes and final products (defective and faultless) in product assembly process
- Adhered to GMP (Good Manufacturing Practice) and GDP (Good Documentation Practice) in the regulated medical device industry to ensure quality products inside of a Controlled Environment Area (Clean Room)

PROJECTS

COVID-19 Vaccination Progress

Jan 2021 – Jul 2021

Tool: Tableau Public | <https://public.tableau.com/app/profile/ericznguyen/viz/SampleProject2/Dashboard1/>

- Track the progress of confirmed COVID-19 vaccinations and utilize data visualization software to illustrate data trends for all states located in the United States provided by Center for Disease Control and Prevention (CDC) data

Automation for Microsoft Excel

Jun 2020 – Jun 2020

Tools: Python and Microsoft Excel | [www.github.com/BarbaricEric/Automation](https://github.com/BarbaricEric/Automation)

- Demonstrate the improved work efficiency and less time required for repetitive tasks (go through thousands of rows to make an edit based on a criteria and search through hundreds of spreadsheets to determine missing data) into Microsoft Excel

Automation for Web

Jun 2020 – June 2020

Tools: Python and Selenium | [www.github.com/BarbaricEric/Automation](https://github.com/BarbaricEric/Automation)

- Demonstrate the decrease of time required to log into a website or web application and fill out form information to demonstrate the improved efficiency use and testing of internal web applications for organizations/companies

COVID-19 Tracker

Mar 2020 – Present

Tools: HTML, CSS, JS | <https://barbariceric.github.io/COVID-19-Tracker/>

- Track the amount of confirmed COVID-19 cases and deaths on a global level with an emphasis on the United States by using data obtained from Covid Tracking Project, New York Times, and John Hopkins University
- Utilize data visualization JavaScript libraries (d3.js, plotly.js, and highchart.js) to illustrate data trends
- Aggregate media articles, research articles, and companies press release on the topic of COVID-19

EDUCATION

Bachelor of Arts, Psychology and Social Behavior

University of California, Irvine | Irvine, CA

Sep 2015 - Jun 2019