|  |  |
| --- | --- |
| Scan QR Code to visit my website at CarlosAdrianGarcia.com.Carlos Garcia  • Engineer • Python Developer • B.S. in Engineering | |
| Briefcase outline WORK EXPERIENCE | Address Book outline CONTACT |
| |  |  | | --- | --- | | **Manufacturing Engineer I – Full-time**  *At Boston Scientific, Spencer, IN* | 08/2021 – Present | | * Developing an Application with **Python** and **SQL** that monitors manufacturing line’s scrap, MUV rates and performance. * Using **Python**, **SQL** and **Power BI** to create reports on data from the **Manufacturing Execution System** * Working on a team to provide **data analysis** and identify trends to drive continuous improvement efforts. * Leading improvement projects on the LithoVue Elite manufacturing line. | | | **Validation Engineer – Full-time** *at FITS, LLC*  *Contracted by Bristol-Myers Squibb, Manatí, PR* | 11/2020 – 08/2021 | | * Provided technical expertise for **testing** new **equipment**, **facilities**, and **utilities** at Bristol-Myers Squibb manufacturing site. * Developed **commissioning** and **qualification** protocols and reports applying standard engineering procedures, and **GMP** guidelines. * Worked directly with project managers to complete **design**, **engineering**, and **construction** **projects** within schedule and budget constraints. | | | **Mechanical Drafter – Part-time** *at DASA Group, Inc.*  *Contracted by Boston Scientific, Dorado, PR* | 01/2019 – 01/2020 | | * Created parts, assemblies, technical drawings, and documentation using **SolidWorks** software to **remotely support fixture design projects**. * Ensured compliance with **Geometric Dimensioning and Tolerancing** (GD&T) per ASME Y14.5M-1994 guidelines. * Leveraged proficiency in **project management** and **CAD software** to support projects for **Boston Scientific**. | | | **Mechanical Engineer – Full-time Co-op**  *At Boston Scientific, Dorado, PR* | 07/2019 – 12/2018 | | * **Collaborated with multifunctional teams** to develop innovative **design solutions for fixtures**, **machinery and equipment** used to manufacture implantable medical technologies. * Used **SolidWorks** software for design development and for **Finite Element Analysis** ofparts and assemblies. * Developed design drawing packages adhering to **GD&T** guidelines. * Spearheaded a **Corrective and Preventative Action** (CAPA) project by developing an all-new coil cutting fixture design. | | | Meeting outline PROJECTS | | | **Mechanical Design Lead & Project Manager**  *3D RUM, 3D Printer Design* | 08/2017 – 05/2020 | | **Mechanical Engineering Lead & Project Manager**  *RUMarino, Autonomous Underwater Vehicle Project* | 08/2016 – 12/2019 | | Envelope outlineMarker outline Bloomington, IN  Receiver outline carlos.gi2021@protonmail.com  Internet outline +1 (787) 597-8730  CarlosAdrianGarcia.com |
| Graduation cap outline EDUCATION |
| |  |  | | --- | --- | | **Bachelor of Science,**  **Mechanical Engineering**  **Medal outline**University of Puerto Rico, Mayagüez  **Graduated – Magna Cum Laude**  08/2014 - **06/2020** | | | GPA:  Major GPA: | **3.92** / 4.00  **4.00** / 4.00 | | Head with gears outline SKILLS | | | Rating 3 Star with solid fillSoftware / Systems Proficiencies Rating Star with solid fillPython  Rating Star with solid fillSQL  Rating Star with solid fillVBA  JavaScript  Rating Star with solid fill  Git & GitHub  Rating 3 Star with solid fill  MS Apps  Rating Star with solid fill  Power BI  Rating 1 Star with solid fill  PowerShell Validation / Manufacturing Skills  * Manufacturing Execution Systems * IQ, OQ, PQ & GMP knowledge * Computer Software Validation  Technical Skills & Competencies  * Data Science * Statistical Analysis * Analytical Skills * Debugging and Troubleshooting  Soft Skills  * Personal Responsibility * Teamwork and Collaboration * Self-Awareness  Languages  * English, Fluent * Spanish, Native | | | Diploma roll outline CERTIFICATIONS | | | * Lean Six Sigma Yellow Belt * SolidWorks Certified Associate, Mechanical Design | | |