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Brian Mazejka ✓
Senior Staff Engineer at Takeda
Salem, New Hampshire, United States · [Contact info](#)
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**Takeda**
 **Central New England College (in conjunctio...**

About

Innovative, highly skilled mechanical engineer with more than 20 years of experience and a proven history of success generating simple solutions from complex challenges; knowledgeable in all phases of new product development.

Specialties: New Product Development, Sustaining Existing Product lines, Mechanical Design, Tolerance Analysis, Design FMEA, Prototype building and testing, Verification and Validation, Protocol and Report Writing, Documentation and BOM Structuring. Proficient using SolidWorks (CSWP).

Activity

350 followers

Brian Mazejka commented on a post • 4d

I've been using SWx since 98+ ... before that it was PersonalDesigner and CV4/5

Brian Mazejka commented on a post • 1mo

CAG ... Happy Retirement !!! Enjoy your solitude and make sure you spend some quality time with Mrs. CAG !!!

Brian Mazejka commented on a post • 1mo

Congrats Mandi

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Experience



Takeda
5 yrs 2 mos
Lexington, MA

•

Senior Staff Engineer
Full-time
Nov 2022 - Present · 2 yrs
Mentor and manage Junior Staff on small projects.
...
Engineering Design, Design Engineering and +10 skills

•

Senior Design Engineer / Staff Engineer
Sep 2019 - Nov 2022 · 3 yrs 3 mos
Support Device Development teams through the entire product lifecycle. From prototyping stages through regulatory approval, clinical trials and commercial release....
Engineering Design, Design Engineering and +10 skills

- **DUSA Pharmaceuticals Inc.**
8 yrs 1 mo
Wilmington, MA
- **Senior Mechanical Engineer**
Aug 2013 - Sep 2019 · 6 yrs 2 mos

DUSA Pharmaceuticals, Inc. (a Sun Pharma company) is a fully integrated specialty pharmaceutical company which is committed to improving people's health and confidence through its c...see more

♥ **Engineering Design, Design Engineering and +10 skills**
- **Mechanical Engineer**
Sep 2011 - Aug 2013 · 2 yrs

Successfully implemented the FDA's new Unique Device Identifier (UDI) regulatory requirements into the BLU-U device. I became the subject matter expert (SME) at DUSA of the FDA's new requirement and how it would affect our product. Coordinated with our contract manufacturers in streamlining the implementation of this requirement so that we would be in compliance before the FDA due date (Class I device, August 2014).

Responsible for all aspects of successfully bringing the company's product line into compliance with IEC 60601-1:2005 (3rd edition) and 60601-2-57:2011. Negotiated with registrar; created gap analysis; remediation and systems assessment/certification to current requirements.

Manage Contract Manufacturers and Vendors to ensure proper manufacturing, fabrication and processing to specifications of component parts, products/systems and delivery of prototype and production components.

♥ **Engineering Design, Design Engineering and +10 skills**

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Engineer at Cytiva

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 **David Maggiore-Anet**
Account Executive at salesforce.com
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People you may know

Ben Robinson 
COO & Co-Founder at
indie.io

 **Connect**

 **Kim Ratcliff** 
Director Of Operations

 **Connect**

 **Trent Nessler, MPT, DPT**
 Owner The Athlete Lab |
 Sports PT | Movement...

 **Christopher Brueningsen**
Private School Educator

 **Connect**

Supervisor, Documentation & Technical Services
Smith & Nephew Endoscopy
Sep 2008 - May 2011 · 2 yrs 9 mos
Andover, MA

My responsibilities included coordinating and supervising all of the activities related to the documentation system (at the Andover facility) ensuring compliance with the various r...see more

♥ Industry standards, Microsoft Excel and +2 skills

Microline Surgical
4 yrs 6 mos
Beverly, MA

- Project Manager, Documentation Control**
Jun 2006 - Sep 2008 · 2 yrs 4 mos
- Responsible for administering the company's controlled documents in accordance with company requirements, as well as FDA & ISO 13485 Guidelines for a Medical Device Manufacture ...see more
- ♥ Engineering Design, Design Engineering and +8 skills

- Mechanical Designer**
Apr 2004 - Jun 2006 · 2 yrs 3 mos
- Responsible for Design and Development of new (reusable and single-use) surgical tips for use with Microline's ReNew laparoscopic/endoscopic surgical hand piece for various types o ...see more
- ♥ Engineering Design, Design Engineering and +9 skills

Project Engineer
L-Com
Mar 2003 - Apr 2004 · 1 yr 2 mos
North Andover, MA

- Responsible for the design, drafting and documentation of electro-mechanical instrumentation and electronic cabling parts and assemblies from sketch to final product... ...see more

♥ Engineering Design, Design Engineering and +4 skills

Show all 12 experiences →

Education

Central New England College (in conjunction with Worcester Industrial Technical Institute)
ASc, Mechanical Design Engineering Technology
1984 - 1987
Activities and societies: Class President

University of Massachusetts Lowell
Working towards completing my Bachelors Degree, Mechanical Engineering

Licenses & certifications

Certified SolidWorks Professional Advanced - Sheet Metal (CSWPA-SM)
SolidWorks Designer
Issued Feb 2022
Credential ID C-APQ9EKXLT

♥ 3D Computer Aided Design (3D CAD)

Certified SolidWorks Professional Advanced - Drawings (CSWPA-DT)
SolidWorks Designer
Issued Sep 2020
Credential ID C-RZ7P5MJGQV

♥ 3D Computer Aided Design (3D CAD)

Show all 4 licenses & certifications →

Projects

NEW Investigational Blue Light (IBL) Device:
Jan 2014 - Aug 2015

Associated with DUSA Pharmaceuticals Inc.

I was the Lead Design Engineer for our new IBL platform (using LED technology) to replace our existing fluorescent technology, while still meeting all specification requirements. I designed the interfa ...see more

♥ 3D Computer Aided Design (3D CAD) and Research and Development (R&D)

Company Compliance with FDA Global Unique Device Identifier (UDI) Program/Requirements
Mar 2014 - Aug 2014

Associated with DUSA Pharmaceuticals Inc.

Responsible for the successful execution and conformance of the FDA Unique Device Identification (UDI) program. I was accountable for directing cross-functional teams, developing detailed project pli ...see more

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\$1,989/Month Extra Cash
That's the average earned on a 3-bedroom Vrbo listing in the US last year.

AI Writing Assistant
Eliminate errors and work seamlessly across multiple platforms and devices.

Skills

Test Requirements

4 experiences across Takeda and 1 other company

Mechanical Product Design

11 experiences across Takeda and 7 other companies

Show all 41 skills →

Recommendations

Received Given



Maria Russotti

PhD Candidate at Vanderbilt University
May 17, 2024, Maria reported directly to Brian

I worked for Brian during my summer internship at Takeda Pharmaceuticals. Brian has strong leadership qualities and is dedicated to fostering growth and development within his team. His approachability, willingness to listen, and ability to turn challenges into valuable learning opportunities was very helpful during my time there. He encouraged me to think critically and creatively, pushing me to explore innovative approaches to achieve my goals, all while gaining invaluable skills and insights along the way. He would make an excellent asset at any company.



Mark C.

Consultant for Medical Device, Pharmaceutical, and Combination Products
September 10, 2018, Mark was senior to Brian but didn't manage Brian directly

Brian is a seasoned well-rounded engineer who can make significant contributions in design, IP generation, advanced prototyping, automated test fixtures, tech transfer, etc. He is collaborative and focused on individual/team goals and objectives. When unplanned requirements hit, you can look to Brian for his effective and timely problem solving skills. In fact, he is continually willing to realign to accommodate unforeseen requirements. Regardless of his situation, he remains positive and embraces new directives.

Show all 9 received →

Patents

Adjustable Illuminators and Methods for Photodynamic Therapy and Diagnosis

US11904180B2 · Issued Feb 20, 2024

See patent

An illuminator for photodynamically diagnosing or treating a surface includes a plurality of panels. The illuminator further includes a plurality of light sources, each mounted to one of the plurality of panels. ...see more

Adjustable illuminator for photodynamic therapy and diagnosis

US11697028-B2 · Issued Jul 11, 2023

See patent

An adjustable illuminator for photodynamically diagnosing or treating a surface includes a plurality of first panels and at least one second panel. The plurality of first panels have wider widths and the at least one second panel has a narrower width. ...see more

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