BDW

CONTACT INFO

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512-589-4791

13313 Chasewood Cove
Austin, TX 78727

SKILLS

PHP, Zend, Doctrine, MySQL

Javascript, NodeJS
React, Redux, Okta, Heroku

Python, Django, Dojo

Bootstrap, HTML, CSS
SQL, Java, C++, C, Swift

Eclipse IDE, GIT, Xcode
DoneDone, Bugzilla
Slack, Zoom

Mac OS X, Linux, Windows

EDUCATION

Non-matriculated
Master of Science
in Computer Science
Syracuse University

Bachelor of Science
in Mechanical Engineering
Cornell University, 1971

BRIAN D. WATT
SOFTWARE ENGINEER

EXPERIENCE

SOFTWARE DEVELOPER AT THE UNIVERSITY OF TEXAS AT AUSTIN, SCHOOL OF LAW, CONTINUING LEGAL EDUCATION (CLE) DEPARTMENT
JULY 2017 – Present Part-time

● Enhance and maintain CLE Website written in PHP with Zend Web and Doctrine DB Frameworks to a MySQL DB managed via GITHUB. Supports both Customer Lawyers and CLE Admin Staff.

SOFTWARE DEVELOPER AS A FREELANCER FOR PERSONAL, FRIENDS & FAMILY
JULY 2013 – Present Part-time

● Design and develop Mechanical Spring Design Web Application written in JavaScript using Okta login and Bootstrap UI with React and Redux Framework on NodeJS to a REST API server to a MySQL DB managed by GITHUB.
● Design and develop Virtual Steering-Wheel iPhone App using phone movement written in Swift on Xcode using Bluetooth Low Energy to control a track-driven robot weed cutter.

THROUGH-HIKER ON APPLACHIAN TRAIL, EAST COAST, USA
APRIL 2019 – SEPTEMBER 2019 Full-time

● Hike the 2200-mile Appalachian National Scenic Trail from Springer, GA to Mount Katahdin, ME in 148 days taking 6 zeros.

SOFTWARE DEVELOPER AT THE UNIVERSITY OF TEXAS AT AUSTIN, EXTENDED CAMPUS, OSHER LIFELONG LEARNING INSTITUTE (OLLI)
JULY 2015 – JULY 2017 Part-time

● Enhance and maintain UT OLLI Website written in Python using Dojo Toolkit UI with Django Web Framework to a MySQL DB managed via GITHUB.

THROUGH-HIKER ON PACIFIC CREST TRAIL, WEST COAST, USA
APRIL 2014 – SEPTEMBER 2014 Full-time

● Hike the 2650-mile Pacific Crest National Scenic Trail from Campo, CA (Mexican border) to Manning Park, BC (Canadian border) in 144 days taking 8 zeroes.

SENIOR SOFTWARE ENGINEER AT INTERNATIONAL BUSINESS MACHINES (IBM), VARIOUS DEPARTMENTS, AUSTIN, TX & POUGHKEEPSIE, NY
1984 – JULY 2013 Full-time

● Design and develop software for IBM customer and internal projects including Eclipse Parallel Tools Platform (PTP) as a committer, Open Compute Language (OpenCL) Khronos standard, Los Alamos National Laboratory Roadrunner supercomputer using the Cell processor and Java Development Kit (JDK) on Linux.
● Teach Object Oriented Technology across the US, and co-write "Developing Object-Oriented Software: An Experience-Based Approach" with members of the IBM Object Oriented Technology Center (OOTC) team.

SOFTWARE ENGINEER AT INTERNATIONAL BUSINESS MACHINES (IBM), VARIOUS DEPARTMENTS, POUGHKEEPSIE, NY
1971 – 1984 Full-time

● Design and develop software for IBM customer and internal projects including Electronic Design Automation (EDA) and 3D Solid Modeling CAD with ray-tracing visualization.