**BRETT WILCOX**

**SOFTWARE ENGINEER**

**[GitHub](https://github.com/desertidaho)** [**LinkedIn**](https://www.linkedin.com/in/brett-wilcox/)

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**HIGHLIGHTS OF QUALIFICATIONS**

* International Software Testing Qualification Board (ISTQB) Certified Tester Foundation Level
* Graduate of Boise CodeWorks Full Stack Immersive program, embracing daily challenges in front and back-end development
* Experienced in object-oriented programming, developing, testing and debugging code, and designing full-scale applications
* Strong understanding of *C#, JavaScript, Vue.js, Node.js, HTML, CSS, Bootstrap, Express, Dapper, MongoDB, SQL, Git, Nunit, Selenium*

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**EXPERIENCE**

**SOFTWARE ENGINEER,** IN TIME TEC Q2 – Q3 2019

* Blue Cross of Idaho: Software Development Engineer in Test (SDET)
* C# test framework, Visual Studio 2019, Nunit, API, UI, Selenium, SQL and Salesforce SOQL, GitLab

**FULL-STACK SOFTWARE DEVELOPER,** BOISE CODEWORKS Q1 2019

* [Karate Panda](https://brettwilcox.info/SlapGame/) : An interactive game that allows the user to attack the panda with various methods and modifiers. Application built using *HTML, CSS, Bootstrap,* and *JavaScript*. Button logic was fun!
* [ListenUp](https://brettwilcox.info/Music-Is-Fun) : A free music previewer that allows the user to search for and listen to music from the Apple API and links to purchase songs and albums they like. Application built using *HTML, CSS, Bootstrap,* and *JavaScript.*
* [Inspire](https://brettwilcox.info/inspire) : A browser dashboard that displays a list of to-do’s, current local weather, a quote of the day, and an inspirational image. Application built using *HTML, CSS, Bootstrap,* and *JavaScript’s* Model-View-Controller (MVC) pattern, while interacting with multiple API’s.
* [Billboards](http://billboards-bcw.herokuapp.com/) : A full-stack application for posting notes, images, and comments. Built using *HTML, CSS, Bootstrap, JavaScript, Vue.js, Node.js, MongoDB* and *Mongoose.* Server database with GearHost and deployed to Heroku.

**SELF-STUDY SOFTWARE DEVELOPMENT** 2018 – 2019

* [Desert Idaho](https://desertidaho.com/) : A website for sharing poetry and for selling poetry paperback and electronic-books. This website allows users to read poetry, with links to purchase and donate.
* [Mathematics Notebooks](https://mathematicsnotebooks.com/) : A website that showcases college math notebooks and materials.
* **Responsive Web Design Developer Certification** from freeCodeCamp representing approximately 300 hours of coursework including courses in *Basic HTML and HTML5, Basic CSS, Applied Visual Design, Applied Accessibility, Responsive Web Design Principles, CSS Flexbox, CSS Grid, and Responsive Web Design Projects.*
* **JavaScript Algorithms and Data Structures Developer Certification** from freeCodeCamp representing approximately 300 hours of coursework including courses in *Basic JavaScript, ES6, Regular Expressions, Debugging, Basic Data Structures, Basic Algorithm Scripting, Object Oriented Programming, Functional Programming, Intermediate Algorithm Scripting, JavaScript Algorithms and Data Structures Projects.*
* **CodeSignal***,* successfully completed 77 JavaScript algorithm challenges.

**COMMERCIAL HELICOPTER PILOT,**  SOLOY HELICOPTERS / COASTAL HELICOPTERS 2002 – 2018

* US Federal Aviation Administration Airline Transport Pilot Helicopter, Canadian Commercial Pilot Helicopter
* Certified Flight Instructor, Instrument Flight Instructor, Advanced and Instrument Ground Instructor
* 7,084 Pilot in Command flight hours flying single pilot heliski, geophysical, firefighting, and utility helicopter missions

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**EDUCATION / MILITARY**

**BACHELOR OF ARTS, PHILOSOPHY, MINORS ECONOMICS, BUSINESS,** BOISE STATE UNIVERSITY, *magna cum laude*

**US NAVY,** AVIATION, Navy Commendation Medal