

# BRETT WILCOX

## SOFTWARE DEVELOPER

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### HIGHLIGHTS OF QUALIFICATIONS

- Future graduate of Boise CodeWorks Full Stack Immersive program, embracing daily challenges in front and back-end development
  - Approachable classmate commonly called on by peers to assist in overcoming roadblocks in coding
  - Passionate about learning new things and continuing to grow professionally, motivated by achieving various stretch goals
  - Natural born problem solver with a knack for providing solutions in mental exercises such as chess, sudoku, and algorithm scripting
  - Experienced in object-oriented programming, developing, testing and debugging code, and designing full-scale applications
  - Demonstrated strong understanding of *HTML, CSS, Bootstrap, JavaScript, Vue.js, Node.js, Express, C#, MongoDB, SQL, Git, Scrum*
  - Solid management skills, demonstrated proficiency in leading and mentoring individuals, focusing on a cohesive team environment
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### EXPERIENCE

#### FULL-STACK SOFTWARE DEVELOPER STUDENT, BOISE CODEWORKS

2019 - PRESENT

- [Karate Panda](#) : 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](#) : 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](#) : 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](#) : 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](#) : 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](#) : 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, fire-fighting, 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**