

## Trevor W. Bower – Software Engineer

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### Technical Skills

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**Languages & Frameworks:** Java/JavaFX • JavaScript • Python • C++ • MySQL/SQLite • HTML • CSS • React

**Tools:** Microsoft Office, Git/GitHub, WordPress    **IDE's:** Visual Studio Code, IntelliJ IDEA, PyCharm, Eclipse

### Experience

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**Freelance Software Engineer Assistant:** With Jordan Ponder • 2022 – 2023

- Helped design templates and boilerplate web utilities used for web development for many clients
- Tools were written in React and include page templates, middleware for processing access tokens, and other various recyclable pieces of functionality, mainly written in JavaScript
- Worked in conjunction with project owner (Jordan Ponder) to provide web tools to ease development process
- Main contributions were done in React, JavaScript, and jQuery

**Real Estate Agent & IT Consultant:** Long & Foster Real Estate • Richmond, VA • 2019 – 2022

- **Web Development:** Designed & maintained website to facilitate sales, handle customer inquiries & provide real-time market data
- **Data Management:** Used software to securely manage, authenticate & organize sensitive client contracts & sales-related information
- **Task Automation:** Implemented automation scripts & tools to streamline repetitive tasks such as sending “funnel-based” messages, creating marketing materials, & tailoring listings based on client interests
- **Property Listing Integration:** Integrated property listings with third-party API's
- **Digital Marketing:** Created & executed email marketing, SMS, social media & video campaigns
- Recognized for selling \$1 million of real estate in first year with the company while also working full-time as a first responder

**Video Game Development:** Hobby • 10+ years

- Developing mods, addons, and macros for online games
- Troubleshooting and managing installation of various addons and mods for popular titles
- Previously designed small standalone games using various third-party programs & visual programming languages such as Scratch

### Projects

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**Portfolio Website (React, HTML, CSS, JavaScript):** <https://t-bower-gh.github.io/portfolio-website/>

Created a responsive portfolio website to introduce background, skills, & services. Features a dynamic portfolio carousel, interactive tabbed content for skills & education, a user-friendly navigation menu, & a contact form for direct communication.

**Product Inventory Organizer (JavaFX)**

Developed a program to efficiently manage product inventory information, including product's associated parts & pricing details.

**Customer Appointment Tracker (JavaFX, MySQL)**

Built standalone application that allows businesses to store customer information, schedule appointments, & assign representatives to each appointment. Includes time-zone & language localization, login functionality, & login history tracking.

**Fire Department Prediction Tool (Python, SQLite, Scikit-learn)**

Created program for departments to store values in embedded database, predict future call volume using machine learning, & recommend required apparatus resources. Includes login & import/export functionality & visual graphing of call volume values.

### Other Experience

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**Firefighter/Advanced-EMT:** Norfolk Fire-Rescue • Norfolk, VA • 2018 – 2021

**General Manager:** Pizza Hut • Midlothian, VA • 2016 – 2018

### Education & Certifications

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**Bachelor of Science: Computer Science:** Western Governors University • 2023

Relevant Courses: Data Structures & Algorithms • Software Engineering • Advanced Data Management • Advanced Java • Web Development

**Certifications:**

- ITIL 4 Foundation - IT Service Management

### References

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Available upon request