

# WILL BOYD

## Portfolio

[codersblock.com](http://codersblock.com)

## Email

[will@codersblock.com](mailto:will@codersblock.com)

## INTRODUCTION

**Software engineer specializing in front-end web development**

## SKILLS

### Concepts

Web Performance/Optimization, UX, Accessibility, Responsive Web Design, SEO, Test Automation, Preprocessors, APIs, Design Systems, AI, Localization, Open Source

### Languages/Frameworks

JavaScript, Ember, React, Vue, Svelte, jQuery, Node, GSAP, Three.js, Matter.js, CSS, Sass, HTML, SVG, Regex, Eleventy, Gatsby, ASP.NET, C#, Visual Basic, PHP, SQL

### Software/Services

Git, npm, Yarn, Photoshop, Illustrator, Figma, WordPress, Contentful, Netlify, Heroku, Optimizely, Asana, Jira

## WORK EXPERIENCE

**Block** – Atlanta, GA

### Senior Design Technologist

2021 – 2026

- Served as technical lead on multidisciplinary project teams
- Maintained the Square website presence in 8 countries and contributed to initial launches in 3 countries
- Created custom components for unique designs and interactivity for campaign and product webpages
- Implemented A/B testing, wrote SQL queries, and created analytics dashboards to enable data-driven decision-making
- Built internal tools and scripts to expedite work and reduce human errors
- Created webpages and emails for campaigns, in collaboration with marketing, often with aggressive timelines

### Senior Software Engineer

2019 – 2021

- Implemented usability and design improvements across Square's web application for merchants
- Proactively improved front-end infrastructure and build times

**Salesforce – Atlanta, GA**

**Senior Software Engineer** 2018 – 2019

- Overcame technical challenges to present two separate codebases as a single cohesive web application
- Wrote autocomplete functionality for the Salesforce Lightning Design System VS Code extension

**UX Engineer** 2016 – 2018

- Created prototype applications for user research
- Took ownership of front-end architecture to optimize web performance and greatly improve documentation
- Engineered solutions for incrementally replacing legacy designs in a large codebase with a new design system

**Software Engineer** 2015 – 2016

- Launched Engagement Studio, a visual web application for building automated marketing flows
- Created a graphical user interface with seamless animations and intuitive controls for movement and scaling

**POP – Seattle, WA**

**Senior Interactive Developer** 2014 – 2015

- Led front-end development of the Big History Project website
- Led development of Costco Travel's mobile website
- Completed projects for various clients, including Nike, Target, and Ironman Triathlon

**Amazon – Seattle, WA**

**Software Development Engineer** 2013 – 2014

- Built web applications for Amazon Cloud Drive
- Improved codebase health by increasing unit test coverage and monitoring code complexity

**CareerBuilder – Norcross, GA**

**Senior Software Engineer** 2011 – 2013

- Rebuilt CareerBuilder's Android app from the ground up
- Improved usability for mobile users by adding more mobile web features and responsive pages

**Turner Broadcasting – Atlanta, GA**

**Advanced Software Developer** 2010 – 2011

- Maintained critical CNN services for transmitting breaking news reports and multimedia metadata
- Worked on NewsDesk, CNN's internal web application for resource management and scheduling

<b>CareerBuilder</b> – Norcross, GA	
<b>Senior Software Engineer</b>	2010 – 2010
<b>Team Leader, BrightFuse Development</b>	2009 – 2010
<b>Software Engineer III</b>	2008 – 2009
<b>Software Engineer II</b>	2005 – 2008
<b>Junior Web Developer</b>	2003 – 2005
<b>Objectware</b> – Norcross, GA	
<b>Web Developer</b>	2003 – 2003

## EDUCATION

**Georgia Institute of Technology** – Atlanta, GA  
**Bachelor’s Degree in Computer Science**  
 ■ Specialization in databases

## PUBLIC SPEAKING

**Exploring 2D Physics in JavaScript** – [codersblock.com/go/physics](https://codersblock.com/go/physics)  
 RevolutionConf 2018

**Silky Smooth Animation with CSS** – [codersblock.com/go/silky](https://codersblock.com/go/silky)  
 CSSConf US 2016

**Motion Detection with JavaScript** – [codersblock.com/go/motion](https://codersblock.com/go/motion)  
 RevolutionConf 2016

## WRITING

**Coder’s Block Blog** – [codersblock.com/blog](https://codersblock.com/blog)  
 Web development articles recognized by Smashing Magazine,  
 CSS-Tricks, the W3C, and many others

## OPEN SOURCE

**WordPress Export to Markdown** – [codersblock.com/go/wetm](https://codersblock.com/go/wetm)  
 Command line tool for converting WordPress content into  
 Markdown files, with over 1.5k stars on GitHub