

# JOHN THIELMAN

## WEB DEVELOPER

### ABOUT ME

I have been interested in systems of many kinds my whole life, whether they be syntactical, algebraic or geometric. I've found that languages, mathematics, and even the measuring and drafting of garment patterns all have intricate systems that allow room to play within a framework of rules. So when I was encouraged to explore web development, I found it to be a very good fit for my skills and my aptitudes; computer languages constitute a deep and intricate structure with plenty of freedom to improvise.

### CONTACT INFORMATION

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### ACADEMIC BACKGROUND

#### Nashville Software School

Full Stack Web Development Bootcamp, 2019-2020

#### Humboldt-Universität zu Berlin

M.A. in Historische Linguistik, 2012-2014

#### Gustavus Adolphus College

B.A. in Classics, 2004-2008

### EXPERIENCE

#### Technical Education

Nashville Software School, 2019-present

*NSS is a non-profit organization dedicated to educating adult learners with aptitude, motivation, and drive for careers in software development, UI/UX design, data analytics, and data science. It also cultivates connections with the local business community to ensure an up-to-date education in relevant technologies.*

- Source code version control and remote collaboration with Git/Github, Slack and Zoom
- Project planning/tracking with Github Projects & Issue Tracking
- JavaScript fundamentals including modular, readable code and reusable components
- Built single-page applications using JavaScript (including libraries like jQuery), HTML, and CSS3
- Built full CRUD applications using ReactJS
- Database/API experience with Firebase, Axios and promises
- Styled apps with Bootstrap as well as custom CSS and SCSS
- Created and modified databases with SQL Server Management Studio using T-SQL
- Developed console apps and unit tests with C#/.NET
- Made RESTful APIs with C# in the ASP.NET Core framework

#### Front-End Capstone Project: English Wordbook

English is a version of English that avoids borrowed words from French, Latin and Greek in favor of Anglo-Saxon words and word roots, and sometimes reviving old word roots that were pushed out of the language by those borrowings.

Enjoying the thought experiment but weary of trawling through spreadsheet-style word lists to search for English words, I created a React app that makes the searching process more user-friendly, and also allow the adding, editing and deleting of words as they are found, changed or rejected. Site lay out and style are Bootstrap-based, and I employed React Router DOM to enhance the user experience by generating separate pages for single words, the word lists and the create/update form.

<https://english-wordbook.firebaseio.com/>

#### Final Capstone Project: Costume Kit

As a tailor and hobbyist costumer, I enjoy sewing and wearing historical and fantasy costumes, but sometimes there is such a variety of garments involved in each outfit that it is hard to keep track of them all, particularly because some garments are used for more than one outfit. So I have made a React app that will help me keep track of all my costume outfits and which garments are included in each. Users can add outfits to their account, manage the garments in each, and see all the garments in the database for inspiration or to add to their own outfit(s). I again used Bootstrap for layout and styling and React Router DOM for routing; I also developed the web API in C#/.NET and the database using T-SQL.

<https://github.com/jthielman/CostumeKit>

#### Alterationist/Tailor

Eric Adler Clothing, 2016-present

- Alter tailored clothing including jackets, pants, vests, shirts, specialty garments and womenswear, streamlining the process to increase efficiency and improve earnings
- Use problem-solving skills to assist with fittings for custom clothing, taking both the client's needs and the craft's constraints into account
- Consult with clients and supervisor on technical and historical tailoring questions

#### Part-time teacher

Huntington Learning Center, 2014-2019

- Instructed Middle and High School students in curriculum for standardized test preparation, tailoring lessons to the unique needs of each individual student
- Tutored Middle and High School students in a variety of school subjects including Math, Science, English, Reading and Latin, assessing current level and learning style to give the most helpful and appropriate instruction