

# Andrew Barbour

## Software Engineer

barbouraj@gmail.com  
828-406-3565

andrewbarbour.com  
github.com/andrewjbarbour

*Full-stack software developer with experience ranging from building and maintaining front-end web apps to managing databases and servers*

### Skills

JavaScript, TypeScript, React, Node, Redux, Java, C#, .NET, C++, Ruby on Rails, Go, Python, Kotlin, Bash/Shell, SQL, responsive design, test-driven development

### Experience

#### ***Freelance Software Engineer, 2021 – Present***

- Built a wide range of dynamic and responsive web apps and contributed to a range of open source projects

#### ***PhD Candidate, UC Berkeley, 2014-2021***

- Researched and wrote a dissertation on engineering and literature that won numerous grants, awards, and prizes

#### ***Graduate Student Instructor and Course Designer, UC Berkeley, 2016-2020***

- Designed and taught 7 literature, science, and engineering courses as the sole instructor

#### ***Technical Writer, 2017 – 2018***

- Edited UC Berkeley academic dissertations in computer science on topics such as content delivery techniques in massive open online courses
- Helped software engineers align their writing with style guidelines

#### ***Content Writer, Berkeley Art of Writing Program, 2019***

- Wrote public-facing content for the Berkeley Townsend Center Art of Writing website

#### ***Webmaster and Editor, Qui Parle, 2016-2017***

- Managed and updated the journal's website with JavaScript, HTML, and CSS
- Oversaw the content strategy for the journal

### Education

**Ph.D., English | University of California, Berkeley 2021**  
*Literature and Engineering*

**B.A., English with highest honors | UNC-Chapel Hill 2013**  
*with coursework in Computer Science*