

Zeke Graves

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SUMMARY

Front End Web Developer and life-long learner with a background in library archives, music, and audio. Effective at combining creativity and problem-solving to develop user-friendly applications. Known for attention to detail, determined and methodical approach to troubleshooting, passion for technology and design, and intuitive aesthetic sense.

TECHNICAL SKILLS

Web Development – Javascript, HTML, CSS, jQuery, Bootstrap, Materialize, Node.js, Express.js, Firebase, MySQL, MongoDB, AJAX, APIs, React

Other Software – Adobe Photoshop; Capture One Pro; Microsoft Office

Electronics - soldering, wiring, reading schematics, coursework in electronic music theory and production

Audio Production – Adobe Audition; Steinberg Wavelab; Cockos Reaper; Ableton Live; tape preservation and editing

PROJECTS

Comics Time Machine | <https://github.com/zinc-glaze/ComicsTimeMachine> | <https://zinc-glaze.github.io/ComicsTimeMachine/>

Front End Developer

Searches Marvel API for comics from the user's birth month and finds copies for sale via eBay.

- Designed overall look and feel of app; created user input interface and data validation
- Wrote code for parsing and displaying results from APIs.
- HTML, CSS, Javascript, Materialize, AJAX, jQuery, Marvel and eBay APIs

Study Buddy | <https://github.com/zinc-glaze/finalStudyBuddy>

Front End Developer

Flashcard app that allows user to create custom question and answer sets and repeat missed questions.

- Worked on overall look and feel of app and user input interface; wrote code for audio sound effects.
- React.js, MongoDB, Node.js, Express.js, HTML, CSS, Javascript, Bootstrap

Vintage Synth Memory Matrix | <https://github.com/zinc-glaze/memory-matrix> | <https://zinc-glaze.github.io/memory-matrix/>

Developer

Memory match game with vintage synthesizer theme.

- React.js, CSS, Javascript
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EXPERIENCE

Digital Production Specialist (Audio) – [Duke University Libraries Digital Collections](#) – Durham, NC **2012 - Present**

Produce digital surrogates of books, manuscripts, audio, and moving image material from Library and other University holdings. Create images and surrogates according to deadlines and at specified levels of quality to meet Libraries' goals for preserving collections and providing online resources. Provide specialized support for recorded sound material in the Library's Digital Production Center.

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Key Accomplishments:

- Expanded the libraries' capacity for audio digitization and improved quality control processes.
- Created and refined workflows for digital collections, preservation projects, exhibits, and patron requests.
- Contributed to implementation of Duke Digital Repository and migration to new online platform.

Research Services Assistant – *Duke University Libraries* – Durham, NC

2008 - 2012

Managed the Perkins Reference Collection. Provided public service through day-to-day operations of the reference desk and library instruction rooms. Served as purchasing card, travel, and budget administrator for several departments. Hired and trained student employees.

Key Accomplishments:

- Managed and implemented full review and reorganization of Perkins Library Reference Collection.
- Collaborated with Jazz Archivist to process and digitize written and recorded music collections.

Technical Services Manager – *Polk County Public Library* – Columbus, NC

2007 - 2008

Oversaw installation and operation of all hardware and software systems, including RFID and A/V equipment and coordinated maintenance of staff and public computers for two library branches. Payed library invoices, kept financial records, and created statistical reports.

Key Accomplishments:

- Managed transition to RFID checkout and security system.
- Provided technical support and troubleshooting for library staff and patrons.

EDUCATION

University of North Carolina, Chapel Hill, NC – Full Stack Web Development Bootcamp

- An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars JS, & React Js.

Duke University, Durham, NC – Bachelor of Arts

- Graduated cum laude with major in Cultural Anthropology, minor in Psychology