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# HAROON S. IQBAL
**SOFTWARE DEVELOPER**

## ABOUT ME

I am an attorney by training and have spent the last five years working for state government. In my position, I worked both with IT professionals and on my own to create solutions for managing data more effectively. My work on these projects prompted an interest in software development, which led me to Nashville Software School.

## PROJECTS

### JAVA JUICE
**Front End Capstone**

Imagine sitting down at a coffee shop and opening your laptop to work, only to realize that your battery life is almost depleted and there is not an outlet in sight. I built an app that solves this problem by allowing the user to search local coffee shops by the number of provided power outlets.

- Single page CRUD app created using React and styled with ReactStrap, Bootstrap 4, and CSS3.
- Original API using JSON server created by personally gathering outlet data from coffee shops.
- React-Router-DOM and React-Modal dynamically route users to search results and allow users to comment on individual locations.
- Google Geocode and Maps API creates maps with custom info windows for each location.
- Crowd-sourcing model facilitates organic database growth by allowing users to add new locations in their area and submit gathered outlet data.

## EXPERIENCE

### SOFTWARE DEVELOPER
*Nashville Software School | July 2019 - Present*

Intensive full-time 6-month software development boot camp focusing on full stack (.NET/C#) development fundamentals and problem solving.

**Projects**
- **Nutshell -** worked with three teammates to create a web application that allows users to log into an account and view a personalized dashboard displaying upcoming events, tasks, news articles, and posted chat messages.
  - For my portion of the project, I created the news article component, which allows users to create new articles as well as view, edit, and delete existing articles.
  - Technologies used on the project included JavaScript, JSON Server, GitHub, and Webpack.
- **Ternary Traveler** - special project that we had to work on individually and complete within a 24 hour timeframe.
  - Created a web application that allows a user to add points of interest for a travel itinerary and assign them to a specific country. The user can add and edit descriptions for the item, as well as a cost listing and review if desired. In addition, the user can delete items and will receive a confirmation alert before processing the deletion.
  - Technologies used include JavaScript, JSON Server, and Webpack.
- **Welcome to Nashville** - worked with three teammates to develop a web application that allows users to search for things to do in Nashville within the specific categories of Parks, Restaurants, Meetups, and Concerts.
  - For my portion of the project, I used the Metro Nashville Parks API to fetch data and filter the search results by a specific criterion selected by the user, such as whether the park contains a golf course or a lake.
  - Technologies used include HTML, CSS, JavaScript, and JSON Server.
- **Celebrity Tribute -** worked with 3 teammates to build a tribute website for a film director.
  - For my portion of the project, I coded an index page and an executive summary page, which included a stylized header and footer.
  - Technologies used to build the website include HTML, CSS, Flexbox, Visual Studio Code, Git, Github, and http-server.

### DIRECTOR OF COMMUNITY PARTNERSHIPS
*Tennessee Department of Children's Services | October 2017 - June 2019*

Led the community partnerships division and reported to senior leadership of state agency tasked with investigating instances of child abuse and neglect.

- Served as a statewide liaison between DCS and over 50 external partners, including child advocacy centers, law enforcement agencies, juvenile courts, and non-profit organizations.

## NUTSHELL REACT
**Group Project**

Nutshell React involved building the same functionality as the original Nutshell project but with the React framework instead of vanilla JavaScript.

- Added the ability to add friends and view their articles and events.
- React Color Picker allows user to customize color and appearance of app.
- For my portion of the project, I created CRUD functionality for articles section of the app.
- Technologies used include ReactJS, ReactStrap, CSS3, and GitHub.

# EDUCATION

## NASHVILLE SOFTWARE SCHOOL

*Full Stack Software Developer | Graduating January 2020*

## VANDERBILT UNIVERSITY LAW SCHOOL

*Juris Doctor | May 2013*

- **Honors and Activities**: Chancellor's Scholar; 2011 Public Interest Stipend Recipient; Legal Aid Society; Phi Delta Phi, Vanderbilt in Venice Program.

## THE OHIO STATE UNIVERSITY

*B.A. in Political Science and B.A. in Comparative Studies | December 2008*

- **Honors and Activities**: Graduated *with Honors* and *summa cum laude;* full tuition academic scholarship; University Judicial Panel; Ohio Union Activities Board.

# EXPERIENCE CONTINUED

- Led workgroup to standardize practices and gather data for Child Protective Investigation Teams and created a new regional workgroup to prevent child trafficking in west Tennessee.
- Managed all co-location contracts and invoices for child advocacy centers and safe infant courts in Tennessee.
- Presented Burden of Proof, Legal Issues, and Mock Court trainings to CPS staff across the state.

## SPECIAL ASSISTANT TO THE DEPUTY COMMISSIONER
*Tennessee Department of Children's Services | November 2013 - June 2019*

Filled new role at the agency charged with creating and managing a data tracking and reporting system to fulfill the requirements of a legal settlement agreement and subsequent statutory provisions.

- Designed and implemented a system for tracking, verifying, and reporting specific subsets of agency data from all 95 counties of Tennessee.
- Managed public notifications website and published an average of 2000 pages of case files per quarter, with over 70,000 pages reviewed and posted between 2013 and 2019.
- Supervised team of two contracted paralegal staff and directed document redaction process.
- Generated legislative notices for qualifying cases and worked in conjunction with legislative liaisons to respond to inquiries from state representatives.

## LEGAL INTERN
*Tennessee Department of Children's Services | January 2013 - November 2013*

Reported to the General Counsel's Office, the most senior legal division in the agency, as part of an internship during final semester of law school and after completion of bar exam.

- Conducted legal research on termination of parental rights, adoption, and custody issues.
- Wrote legal memoranda, created index of statutory reporting requirements, and prepared guide to administrative rule-making process.

## SUMMER LEGAL INTERN
*Ohio Attorney General's Office | June 2012 - August 2012*

Reported to chief of Executive Agencies section, tasked with advocating for consumers and enforcing state laws, as part of summer internship during second year of law school.

- Conducted legal research as sole intern for legal section representing over 80 state boards and agencies, including Division of Real Estate, Division of Financial Institutions, and the Ohio Fire Marshal.
- Wrote nine legal memoranda, drafted two motions, and worked alongside staff attorneys to prepare for administrative hearings.