

Nicholas David Barnette

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Education

University of North Carolina at Chapel Hill

May 2019

Bachelor of Computer Science

Related Courses

Foundations of Programming	Models of Language and Computation	Files and Databases	Digital Logic
Computer Organization	Data Structures	Internet Services and Protocols	Operating Systems
Modern Web Programming			Algorithms and Analysis

Computer Skills

Languages/Frameworks: Python, JavaScript, HTML5, CSS3/LESS/SASS, React/React Native, NodeJS, SQL.

Software/Tools: Unix, Microsoft Windows, Mac OS X, Microsoft Office, Adobe CC, IntelliJ WebStorm/PyCharm, Git, Gradle, Gerrit, Notepad++, Sublime, Jupyter Notebook, Figma.

Work Experience

Surin Restaurant Group – Part Time Technical Consultant (Birmingham, AL)

July 2019 – Present

- Worked with the company to develop a strategy to create a larger technology footprint within the business.
- Implemented online ordering for the restaurant's websites.
- Designed and developed a mobile application for iOS and Android devices that allowed for mobile ordering.
- Wrote scripts to allow for easy integration between the POS systems, accounting software, and payroll software.
- Deployed new technologies to the cloud to encourage redundancy in data storage and accounting processes.

SAS Associate Software Developer – Frontend Developer (Cary, NC)

June 2019 – Present

- Help research current technologies and convert our existing component libraries from OpenUI5 to React.
- Work with product teams to ensure that applications match the visual design and UX specifications.
- Ensured that components looked/functioned consistently across all major browsers.
- Improve current techniques to reduce our code footprint and increase the legibility of our code.

SAS Year-Round Technical Intern (Cary, NC)

May 2016 – June 2019

- Maintained more than one hundred common components being consumed by SAS products.
- Streamlined code allowing for the removal of hundreds of lines of code.
- Worked with product developers to implement components to quickly build out a user interface.

VINCI LLC. (Chapel Hill, NC)

October 2015 – June 2019

- Responsible for all frontend and backend development as well as database management.
- Developed user registration and event creation systems to connect users on the platform.
- Implemented a real time user-to-user private messaging system using web socket technology.
- Interfaced with public API's such as Google Maps/Drive and Facebook Login.
- Built iOS and Android applications using React Native.

Projects

Coin Collection Software

Summer 2018

- Learned React and React Native to quickly build out the application.
- Utilized Python's Flask framework to handle REST calls from the client application.

FTP Client/Server

Spring 2018

- Individually coded an FTP client and server according to specifications given to us by our professor.
- Client and server were able to pass and interpret commands back and forth as well as transfer files.

Carolina Outreach

Summer 2017

- Developed an informational website for their new behavioral health urgent care clinic.
- The site allowed users to switch between English and Spanish content.