CHRIS
CALHOUN

SOFTWARE DEVELOPER

PROFILE

I enjoy learning, collaborating, and solving complex problems. In each of my previous roles, I always gravitated towards process improvement. Ultimately, those experiences led me to the exciting world of software development.

CONTACT

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EDUCATION

NASHVILLE SOFTWARE SCHOOL
Software Development Certificate

UNIVERSITY OF TENNESSEE KNOXVILLE
B.S. Mechanical Engineering

TECHNICAL SKILLS

- JavaScript, React
- HTML, CSS, SASS
- SQL, C#, VB.NET
- Firebase
- Postman
- Git/Github
- Figma
- SolidWorks, Vectorworks, Rhinoceros 5, AutoCAD, Fusion 360

DEVELOPMENT EXPERIENCE

Nashville Software School

Full-Stack Software Developer (July 2020 - Present)
Intensive part-time 12 month software development program learning full-stack technologies through the creation of software applications individually and in the group setting.

- Build single page web applications using HTML, CSS, Bootstrap, JavaScript ES6, and React
- Plan projects in great detail by creating wireframes, entity relationship diagrams, and issue tickets
- Collaborate remotely with teammates in a simulated Agile environment using Zoom and Slack
- Utilize Git and Github for version control

PROJECTS

Ulti Draft | https://github.com/chris-calhoun/ulti-draft

Ulti Draft is a web application for drafting ultimate frisbee players for recreational leagues. The commissioner has the ability to set up a draft and once it's live, the captains can join and draft their players. The live drafting functionality was implemented using a Firebase library called **re-base**. After the draft is complete, users can visit the league page and see all of the teams with their respective players. This application was built using **React** and **Firebase** and employs full CRUD functionality,

Pinterest 2.0 | https://github.com/chris-calhoun/pinterest

Pinterest 2.0 was my first venture into developing an application using **React**. It copies the essence of the real Pinterest in that users group similar "pins" into "boards". Data storage is handled using **Firebase Realtime Database**, and users can sign in and out using **Google Authentication**.

LEADERSHIP

Nashville Ultimate Machine

Diversity, Equity, and Inclusion Coordinator (2019 - 2020)
Co-founded Youth Ultimate | Nashville Organized (YUNO), an organization committed to increasing youth access to ultimate frisbee.

Altec Industries

Co-op Trainer (2018 - 2019)
Recruited and supervised 6 engineering co-ops, trained on QA systems, developed projects plans, and provided guidance to ensure deliverables were achieved.

PROFESSIONAL EXPERIENCE

Philips | Nashville, TN

Drafter Designer 3 (2020 - Present)

- Plan Image Guided Therapy equipment in medical facilities for North America using **AutoCAD**
- Maintain a constant line of communication with project managers to ensure projects comply with regional and company standards
- Update existing Standard Reference Documents to improve workflow efficiency and communicate new product specifications

Gallagher Staging and Productions | Nashville, TN

Product Designer (2019 - 2020)

- Collaborated with clients in the entertainment industry to design stages, fascia, and tour carts that bring the artistic vision to fruition; built to withstand the rigors of being on tour
- Prepared detailed assembly drawings, bill of materials, and cut lists for custom and rental equipment
- Developed plug-in objects using **Vectorworks Marionette** to automate stock equipment models and drawings

Altec Industries | Asheville, NC

Quality Assurance Engineer (2018 - 2019)

- Operated as the body plant Digital Task Management (**Atlassian Jira Project**) system administrator. Created dashboards and held each department accountable for closing out issues and nonconformances
- Started QA Newsletter and operated as editor. The newsletter communicated quality metrics and served as a foundation for monthly plant quality meetings
- Implemented a **VB.NET** application that reduced clerical processing time for X7 shortage requests by 67%
- Facilitated the development of quality tools with a strong emphasis on SOPs, FMEAs, Control Plans, Layered Process Audits, and various root cause methods

Bellex Inc. | Nolensville, TN

Engineering Intern (May 2017 - August 2017)

- Designed, fabricated and installed decorative furnishings for Kayne Prime Steakhouse
- Designed custom stainless-steel grill grates and the corresponding thermoplastic fixtures using **Rhinoceros 5**
- Fabricated grill grates utilizing a programmable wire bending unit and spot welder

Altec Industries | Asheville. NC

Design Engineering Co-op (January 2015 - August 2017)

- Completed the design for a total of 10 utility truck bodies and flatbeds that were approved and manufactured without any design related rework required
- Maintained a consistent line of communication with final assembly contacts to address design for manufacturability concerns as well as customer requested changes
- Developed a working prototype for a new master locking system that reduced the number of jigs required