Thomas F hansknechT

**Contact**: (251) 327-7009 | [tfh0007@auburn.edu](mailto:tfh0007@auburn.edu)

**Software Portfolio:** https://thomashansknecht.com **LinkedIn Profile:** [www.linkedin.com/in/ThomasHansknecht-tfh](http://www.linkedin.com/in/ThomasHansknecht-tfh)

# OBJECTIVE

Computer scientist looking to share leadership, knowledge, and teamwork in a Full-Time position for 2023.

# EDUCATION

**Auburn University, Auburn, AL** August 2018 – December 2021

Bachelor of Science in Computer Science

In Major GPA 3.2 / 4.00

**Spring Hill College, Mobile, AL** August 2017 – May 2018

Business Administration – CIS, 28 credit hours received

# SKILLS

**Programming Languages:** Experienced with C#, .NET, Python, Java, SQL, C++, C, BASH, Power Shell, HTTP,

**Computer:** Windows, Mac OS, many distributions of Linux

**Software:** Proficient with Git, Visual Studio, Firebase, Mat Lab, Microsoft Office, Adobe Creative Cloud

# RELEVANT EXPERIENCE

**Calibration Engineering Team, Company: Holley LLC, Full-Time Software Engineer, Opelika, AL** June 2022 – February 2023

* Built application deciphering binary and estimating correlation coefficient with varying blocks of address/length pairs
* Created tool to update XML based on recursively calculated references using custom UI with XML parsing recognition
* Used SQL databases and wrote HTTP server requests to parse data based on customer requirements
* Built/automated application to email data and graphing analytics with ASP .NET Razor and Spire XLS for network tasks
* Worked independently and collaboratively with a team of 7

**ChatVUE Application, Company: TunnelVUE Inc, Course: Senior Design, Auburn, AL** August 2021 – December 2021

* Built and tested Installer applications for Windows, MacOS, and Linux using MSI, PKG, RPM, and bash scripting
* Created 50 pages of implementation and design documentation
* Developed and tested ChatVUE UI elements using Avalonia UI, C#, and .NET with Git as version control
* Collaborated with a team of 4 in addition to sponsor Nicholas Edwards and professor

**Thomas Hansknecht Portfolio, Position: Independent Developer, Opelika AL** May 2021 – Present

* Created custom 4 page website with HTML, CSS, JavaScript, and Adobe Creative Cloud
* Hosted through Git Hub Pages using a custom DNS server and Domain
* Developed a responsive design that changes depending on platform and screen size using media queries
* Use Firebase and Google Cloud to handle server IO and Formspree for form submission integration
* Implemented jQuery for button recognition as well as JavaScript for interactive elements

**Air Traffic Controller Application, Course: Software Modeling and Design, Auburn AL** January 2020 – April 2020

* Created a fully interactive Java JFrame application that allows 24 users to create and view their tickets
* Java scanner classes store and retrieve 24 customers, 13 tickets, and 5 airports from 3 databases
* Built using Git as a version control through 3 shared remote repositories
* Designed based on UML diagrams and GRASP Design patterns created by a team of 5

# AWARDS

* Completed 100+ Software Engineering challenges and awarded AlgoExpert certification April 2022
* Gautrelet Scholarship, Spring Hill College, Mobile, Al May 2017 – May 2018
* 18th place in national K-12 U-800 US Chess Federation competition, Atlanta, GA April 2016