

THOMAS F HANSKNECHT

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Software Portfolio: <https://thomashansknecht.com> **LinkedIn Profile:** 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 Formspre 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

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- 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