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, MacOS, many distributions of Linux
Software: Proficient with Git, Visual Studio, Firebase, Microsoft Office, Adobe Creative Cloud, Mat Lab

RELEVANT EXPERIENCE

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 Firebase using custom DNS Records, Firestore Databases, and Domain
- Developed a responsive design that changes depending on platform and screen size using media queries
- Uses Google Cloud to handle server IO and Formspree for form submission integration
- Implemented jQuery for button recognition as well as JavaScript for interactive elements

Calibration Engineering Team, Company: Holley, 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 Shehenaz Shaik

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, 12 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