

THOMAS F HANSKNECHT

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Software Portfolio and Website: <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 January 2022.

SKILLS

Programming Languages: Fluent with Java, Python, C++, C, OS/161, VHDL, MASM Assembly, Apple script, Ruby

Computer: Well suited for Windows, Mac OS, many distributions of Linux

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

WORK EXPERIENCE

Sponsor Nicholas Edwards, Auburn, AL

August 2021 – December 2021

Software Developer – ChatVUE

ChatVUE is an encryption focused application that allows for secure communication between users. Created and tested installer applications for Windows, Mac, and Linux that run shell scripting, install packages, and set up and manage dependency requirements in the .NET framework. Developed and tested UI elements for the desktop application using Avalonia UI framework and wrote extensive documentation detailing the designs and development process. Was part of Senior Design through Auburn University.

Ann Leatherwood, Mobile, AL

June 2021 – Present

Statutory Durable Power of Attorney. Elected by Elder Law Attorney Kyla Groff. Paying bills, selling/maintaining real-estate, managing retirement, handling taxes, maintaining investments, and managing banking.

EDUCATION

Auburn University, Auburn, AL

August 2018 – December 2021

Bachelor of Science in Computer Science – Samuel Ginn College of Engineering

In Major GPA 3.2 / 4.00

Spring Hill College, Mobile, AL

August 2017 – May 2018

Business Administration – CIS, 28 credit hours received

SOFTWARE PROJECTS

Thomas Hansknecht Website, Auburn AL

May 2021 – Present

- As an independent developer, created a custom website in HTML, CSS, and JavaScript
- Hosted through Git Hub Pages using a custom DNS server and Domain
- Developed a responsive design that changes depending on platform and screen size
- Implemented Intersection Observers to gauge user scroll position and activate scripts/animations
- Used jQuery for simple backend components and JavaScript for more complex logic

Air Traffic Controller Application, Course: Software Modeling and Design

January – April 2020

- Created a fully interactive application that allows 24 users to create and view their tickets
- 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

- Gautrelet Scholarship, Spring Hill College, Mobile, AL May 2017–May 2018
- 18th place in the nation K-12 U-800 US Chess Federation competition, Atlanta, GA April 2016