

# THOMAS F HANSKNECHT

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Software Portfolio and Website: <https://thomashansknecht.com> | LinkedIn Profile: [www.linkedin.com/in/ThomasHansknecht-tfh](https://www.linkedin.com/in/ThomasHansknecht-tfh)

## OBJECTIVE

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Computer scientist looking to share leadership, knowledge, and teamwork in a full-time position for January 2022.

## SKILLS

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**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, Word, Excel, PowerPoint,

## WORK EXPERIENCE

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**Ann Leatherwood, Mobile, AL**

June 2021 – Present

Statutory Durable Power of Attorney

Elected the position by Elder Law Attorney Kyla Groff and nominated as the best candidate by my grandmother Ann Leatherwood. Helping Ann, who struggles with dementia, by paying bills, selling/maintaining real-estate, managing retirement, handling taxes, maintaining investments, managing banking, and guiding health plans.

## EDUCATION

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**Auburn University, Auburn, AL**

December 2021

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

Last Semester GPA 3.2 / 4.00

**Spring Hill College, Mobile, AL**

August 2017 – May 2018

Business Administration – CIS

28 credit hours received

## SOFTWARE PROJECTS

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**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

**Auburn Hacks Hackathon, Auburn University**

February 2020 – April 2021

- Team leader, platformer game development competition, in February 2020
- Built “Mario with a Gun” using Python with Pygame, over a 24-hour period
- Used 4 Sprite sheets to animate the player, objects, items, and enemies

## AWARDS

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