Dartagnan Sams

[Dartagnansams1@yahoo.com](mailto:Dartagnansams1@yahoo.com) *·* (706) 394-0239 *·* <https://tinyurl.com/26xctpxd>

Education

Augusta Technical College, *GPA: 3.11* Augusta, GA

**A.S. Mechanical Engineering** **– ABET Accredited**Aug. 2019 – Dec. 2021

Georgia Southern University, *GPA: 3.11* Statesboro, GA

**B.S. Mechanical Engineering** **– ABET Accredited**Jan. 2022 – May. 2025

Project Experience*·* github.com/DartSams

**Portfolio Website -** [**https://tinyurl.com/3kt5yaxv**](https://tinyurl.com/3kt5yaxv)Aug. 2020 – Current

* Built a full stack web application to give a brief overview of projects.

**Unit Calculator -** [**https://tinyurl.com/2p9fp755**](https://tinyurl.com/2p9fp755)Jan. 2022 – Current

* Generated a responsive web application that takes any measurement as input and outputs multiple converted measurements

**LED Matrix** Jan. 2022 – Feb. 2022

* Soldered anodes vertically and cathodes horizontally on a PCB board

**Twitter Clone -** [**https://tinyurl.com/2h7646s5**](https://tinyurl.com/2h7646s5)Feb. 2021 – Aug. 2021

* Created a full stack web application that has all the same features as Twitter including user registration/login, posting images and text, real time comments on text.

**HVAC Design** Aug. 2021 – Dec. 2021

* Designed a HVAC floor plan

**Vice 3D Modeling** Aug. 2019 – May. 2020

* Designed a solid model of a vice actual size via inventor
* Developed engineering drawing with exploded view and bill of materials
* Constructed a step-by-step tutorial presentation of the making of the model

Professional Experience

**Dollar General** Augusta, GA

*Cashier*Feb 2022 – Aug 2022

* Recorded daily bank deposits, recorded sales and inventory, and counted the cash.

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* Provided customer service by answering questions related to products or services to help locate items not on display.
* Maintained a clean and welcoming store appearance by restocking shelves, cleaning floors, and organizing merchandise.
* Verified prices of items to ensure accuracy.

Skills

* ***Programming:*** Python, HTML5, CSS, SQL, MongoDB
* ***Software –*** AutoCAD, Inventor, SolidWorks, Visual Studio Code, Mongo Atlas, MySQL Workbench
* ***Hardware:*** Soldering Iron, Raspberry Pi