

Susan Chesnut

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SUMMARY

Detail oriented problem solver seeking position in Land Surveying/Geomatics. Looking to work on challenging problems and provide advanced technical and analytical skills. Currently obtaining course requirements for TN state licensure with the intent of becoming a PLS.

WORK EXPERIENCE

Amacker Surveying, LLC, Part-time Assistant

06/2020 - Present

- Assisted Party Chief with all aspects of field work, including operation of survey equipment.
- Operated total station with data collector, rod and prism to locate and mark property lines and corners.
- Cutting-edge IT skills and confidence with new technology.

ExxonMobil, Lead Full-Stack Web Developer

02/2018 - 10/2020

- Managed 5 person development team – assigned tasks, trained new members, mediated user concerns, and effectively increased team productivity.
- Collaborated with product management and user-design teams to deliver user-centered product.
- Implemented full-stack features for a multi-page web application using React.js and Python.

ExxonMobil, Team Lead

05/2017-02/2018

- Coordinated with project vendor for fast turnaround on upgrades and critical product issues
- Managed software release process and ensured all phases were planned and completed
- Collaborated with product owner to prioritize backlog and create consumable, deliverable units of work
- Facilitated development team's Agile process as Scrum Master

ExxonMobil, Technical Software Engineer

09/2015-05/2017

- Developed full-stack on a C++ Linux-based application
- Automated and managed project's build process, optimizing for a 30x speed-up
- Translated research algorithms into C++/CUDA
- Collaborated with vendor to resolve technical and performance concerns

Beechwood Farm, Assistant

Ongoing

- Learned and maintained poultry farm automated field system
- Assisted in chicken house restocking and selling
- Fed and ensured well-being of 100+ cattle herd, assisting with vaccinating, birthing, and sales
- Assisted with farming finance management and planning

EDUCATION

Certificate of Land Surveying Engineering Technology

GPA: 4.0/4.0

Nettleman Institute of Land Surveying Engineering Technology

Present

- Fall 2020: Intro to Surveying, Plane Surveying, Public Land Surveying System

- Spring 2021: Survey Measurement and Adjustments, Legal Aspects of Surveying, Land Subdivision Design

Bachelor of Science in Computer Science, *summa cum laude*

GPA: 4.0/4.0

Auburn University

2015

Bachelor of Science in Applied Discrete Mathematics, *summa cum laude*

GPA: 4.0/4.0

Auburn University

2015

PERSONAL PROJECTS

susanchesnut.com

2019

- Learned & applied JavaScript, React, CSS, and HTML to build a personal website
- Chose hosting plan and domain
- Built production-ready React app and deployed to production environment
- Debugged and resolved production issues quickly
- Managed version control and received feedback using GitHub

Climate Connect

2020

- Volunteer full-stack software engineering skills to aid global collaboration website
- Identifies and recruits world-wide food waste organizations

Automated Plant Lights

2017

- Raspberry Pi project to automate lights for indoor plants
- Connected RF Receiver/Transmitter to the Raspberry Pi by following a schematic and GPIO diagram
- Programmed Raspberry Pi to intercept RF Receiver/Transmitter signal using WiringPi and RFSniffer
- Created a cron job to emit signals to best boost plant flowering