

TAYLOR J LOOKABAUGH

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EDUCATION

BS, Computer Engineering: *University of West Florida*

May 2018

Minor in Computer Science

Pensacola, Florida

UWF GPA: 3.03/4.00

Video Security Design Certificate. Designed secure client spaces with Pelco. Operated CCTVs and honed video security design skills in a laboratory environment.

SUMMARY

An ABET certified Computer Engineer with a focus on software and mathematics. Team building proven with applied demonstration during senior project. Areas of expertise include:

Complex mathematics

Software design

Software application

Electrical design

Computer hardware design

Computer hardware application

ACCOMPLISHMENTS

CAPSTONE. Year-long project designed an alcoholic beverage dispenser to eliminate waste by over pours to increase profit margins and verify driver license which reduces need for extra bartenders. Developed the REST API that communicated with the mobile app and dispenser controller module. Mobile app used driver license to verify person's age to allow dispensing of drink.

Future Farmers of America – Supervised Agriculture Experience Project. Raised and exhibited hogs to market.

QUALIFICATIONS

Engineering

- Design and build simple to complex circuits.
- Soldering experience with Printed Circuit Boards.
- Embedded systems.
- Programming/software experience.
 - C, C++, MATLAB, Simulink, VHDL, Assembly, Python, VLSI
 - LogicWorks, Multisim, Microwind, Dsch, Microsoft Office, Git
- Linux experience July 2006
 - Distributions: Ubuntu/Debian, Arch, CentOS, Raspbian (Raspberry Pi)
 - Servers: SSH, Apache, Nginx, FTP, SQL, etc.
 - Administered website for a church.

ACTIVITIES

Institute of Electrical and Electronics Engineers: Participated in IEEE activities

Tutoring: Helped other students with schoolwork.

ADDITIONAL EDUCATION

AS, Computer Science: *Reedley College*
Reedley, California

May 2014

Cumulative GPA: 3.07/4.00

REFERENCE

Craig Anderson, Program Manager
850-863-6587

Bassam Shaer, Ph.D. Electrical Engineering
850-314-6919

Thomas Gilbar, Ph.D. Computer Engineering
850-314-6917

Andreas Fuchs, Ph.D. Electrical Engineering
850-314-6918