

Constance Engineer

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PROFESSIONAL PROFILE or CAREER PROFILE (OPTIONAL)

Dedicated **Computer Engineering** student at University of North Texas graduating in Dec 2021 from ABET accredited program. Seeking an entry-level Systems Engineer position with Boeing focused on analyzing, design, development, and verification of a lifecycle balanced system. Strong attention for detail with a passion for problem solving.

EDUCATION

University of North Texas | Denton, Texas

Expected grad: Dec 2021

Bachelor of Science | Computer Engineering | ABET accredited (undergrad only)

GPA: 3.15

Minor: Mathematics

TECHNICAL SKILLS (create categories to fit your particular skills)

Programming Languages: Python (Intermediate), C (Beginner), C++, Java, MATLAB, VHDL, Embedded C

Software: IBM Rhapsody, Xilinx Vivado, Energia, Arduino IDE, Other Embedded Systems IDEs, PCB designing software, and 3D printing CAD software, MS Office Suite (Excel, Outlook, PowerPoint, Word)

Hardware: FPGA, Microcontrollers (MSP432), ARM based controllers and boards, Raspberry Pi, Arduino boards, Sensor interfacing, and Actuator interfacing

Operating Systems: Windows, Linux, Embedded Linux, and Real-time OS

Additional Skills: 3D Printing, PCB Design, writing technical documents (requirements document, project plan, test plan, user guides)

ENGINEERING PROJECTS

Team Ballistic Threat Evaluation System (BTES), UNT, Senior Design

Jan-Nov 2021

- Under sponsorship of Lockheed Martin, Team BTES developed a system for gathering images on the battlefield
- Led team of 4 members to analyze, develop and implement 3 primary systems leading to a ground station
- Utilized CAD software to create simulation of payload for capturing images which is transmitted to a ground station to display threat information via user interface

EMPLOYMENT EXPERIENCE

IT Systems Analyst | ABC Inc | Fort Worth, TX

July 2014 – July 2019

- Assisted in the development of the IT Department's policies and procedures to management, provided suggestions for improvement
- Provided help desk support averaging 120 customers per week, managed tracking of tickets and assisted IT Help desk Analyst to ensure key performance metrics were maintained
- Delivered support for the development and maintenance of stage, test, and development environments for distributed applications
- Collaborated with developers to ensure projects implementation and completion within timelines
- Performed configuration management and provided ADP equipment upgrade recommendations
- Assisted with activities in system design, implementation, administration and network management

LEADERSHIP & PROFESSIONAL ORGANIZATIONS (OPTIONAL)

UNT IEEE-CS

April 2018-Present

UNT Society for Women Engineers (SWE)

June 2017-Present

AWARDS/SCHOLARSHIPS (OPTIONAL)

Academic Excellence Award, \$1,500 per semester

July 2019

HOBBIES/VOLUNTEER EXPERIENCE (OPTIONAL)

Tennis, building computers, geocaching, building model airplanes