Carl Edward Tuck

Clemson, SC | (864) 347-4887 | cetuck@g.clemson.edu | https://carltuck.tech | Citizen | Secret Security Clearance

Education

Clemson University | Clemson, SC   August 2021 – Present
Bachelor of Science in Computer Engineering, GPA 3.17
First semester senior, expect to graduate in May of 2025.

Relevant Coursework

General Purpose Computation on GPUs, Digital Signal Processing, Embedded Computing, Performance Analysis of Local Computer Networks

Skills

Programming: C, MATLAB, VHDL, x86 Assembly, Prolog, OCaml, HTML, CSS, LaTeX
Operating Systems: Linux (Ubuntu), Microsoft Windows
Hardware: PIC32 microcontroller, FPGAs, oscilloscope, curve tracer, logic analyzer, spectrum analyzer
Software: GDB, Valgrind, LTspice, Quartus Prime, ModelSim, MPLAB X IDE, Microsoft Office

Work Experience

US Navy, Naval Health Clinic Patuxent River | Patuxent River, MD
Logistics Management   *December 2019 – August 2021*
- Received, delivered, issued, and stored 3,500 mission essential supplies and equipment valued at over $1.1M.
- Disposed of 100 items of medical equipment valued at $125K through the Defense Reutilization and Marketing Office.
- Conducted inventory and acceptance of over 1,000 supply acquisitions as a receipt clerk for 50 customer accounts.
- Awarded the Armed Forces Service Medal and Navy and Marine Corps Achievement Medal

Facility Technician | Aircraft Fueler   *April 2017 – December 2019*
- Maintained 211 medical spaces across four commands, totaling 112,012 square feet.
- Completed 2,388 work tickets, resulting in a $622K savings to the Navy.
- Issued over 185K gallons of jet fuel to US Navy, US Army, and US Coast Guard helicopters while on-board the USNS Comfort.
- Awarded the Humanitarian Service Medal.

US Navy, Naval Nuclear Power Training Command | Goose Creek, SC
Trainee   *August 2015 – April 2017*
- Operated prototype nuclear propulsion plants.
- Handled classified material.
- Instructed in science and engineering fundamentals of naval nuclear propulsion plants.
- Granted secret level security clearance.