

Strayer Russell

I am a programmer who enjoys solving complex problems because they require me to learn and adapt, rather than rehashing existing solutions.

2800 Waterview Pkwy,
Appt 6124,
Richardson, TX, 75080
(830) 358-3424
david.strayer.russell@gmail.com
www.strayerrussell.github.io

EDUCATION

University of Texas at Dallas, Richardson, TX— *Bachelor of Arts, Technology, and Emerging Communications*

August 2022 - December 2025

Pursuing a major in Arts, Technology, and Emerging Communications (ATEC).

Key Skills: Technical Communication, Software Engineering, and User Experience Management

EXTRACURRICULAR (2)

First Robotics Team 5103— Team Lead

Technical Leadership role with project management responsibilities.

- Lead organisation through leadership transition period and experiential turnover
- Strong focus on organizational continuity

UT Dallas Media Archeology Lab— Project Lead

Collaborated with other project leads to ensure cohesive and engaging interactive experiences. Selected Experiences:

- Coldline - Auditory escape room ported from Unity to Cisco IOS
 - Developed TCL IVR framework for arbitrary escape room games or phone-tree experiences.
 - Adapted game elements to the limitations of Cisco TCL, a hard-realtime event-driven state machine framework.
- REDOG - Restored Xerox PARC museum showpiece.
 - Replicated the functionality of the original malfunctioning software in a more maintainable modern framework (Linux and firewire_ohci vs Win NT 4.0 and bespoke driver)
 - Created in-depth documentation of restoration and maintenance procedures
 - Modernized marketing collaterals

SKILLS

Problem-solving in adverse conditions

Working in constrained environments

Playing to the strengths of my team members to deliver exceptional results

Deep dive and understand minimally documented and legacy systems

LANGUAGES

C, Bash, JavaScript

AWARDS

Best Restoration Award
- VCF Southwest 2025

Full Stack Web Development
Certification

Eagle Scout Boy Scouts of
America Eagle Scout recipient.

National Honor Society

Phi Theta Kappa Honor
Society