

# Luke Schaefer

14134 Forestvale Dr. Chesterfield MO, 63017

314-322-8588

luke.schaefer@mail.missouri.edu

[www.linkedin.com/in/luke-schaefer](https://www.linkedin.com/in/luke-schaefer)

<https://github.com/sluka817>

## EDUCATION

### University of Missouri - Columbia, MO

August 2020 - May 2024

BS - College of Engineering - Computer Science

4.0 GPA<sup>1</sup>

### Parkway Central High School - Chesterfield, MO

August 2016 - May 2020

4.2 GPA

33 ACT

## WORK EXPERIENCE

### Defense Information Systems Agency (DISA) Defense Spectrum Organization (DSO) - *Student Technology Intern*

Fort Meade, MD

February 2022 - Current

- Currently working to build a microservice to calculate the frequency dependent rejection of receivers and transmitters
- Revamping the original Fortran code into a more modern C++ program
- The microservice will be built and served to other members of DISA in a web application format

### Defense Information Systems Agency (DISA) Requirements and Analysis Office (RAO) - *Student Technology Intern*

Fort Meade, MD

May 2021 - August 2021

- Analyzed strategic IT requirements from multiple Department of Defense branches (Army, Navy, Air Force, etc.)
- Set up and attended meetings with stakeholders of a requirement, contractors, and other government employees (both civilian and military)
- Drafted and reviewed documents for team members

## AWARDS / CERTIFICATIONS

High Dean's List Fall 2020 - Spring 2022

Confidential Level Security Clearance

## ACTIVITIES

### Member of Phi Delta Theta

- Attend weekly chapter meetings
- Fundraise for the Live Like Lou foundation and other philanthropic efforts
- Compete in Homecoming, Greek Week, and other Greek Life activities

### Secretary of Phi Delta Theta

- One of 13 elected executive member positions at Missouri Alpha Phi Delta Theta
- Assist in leading of weekly chapter meetings
- Assist in planning chapter philanthropic events, professional outreach events, and social events/formals
- Organize and maintain all chapter documents including the chapter bylaws, member information, and financial records
- Manage the chapter website and oversee all social media accounts

### Program Architect for Hydrology Research

- Worked with hydrology professors to build a program to calculate the evapotranspiration over a large data set (the Midwestern United States).
- Currently working with the department to build this program into a web application available to be used by farmers, researchers, and businesses.

## RELEVANT COURSEWORK

- Algorithm Design and Programming in C (I & II)
- Advanced Algorithm Design
- Unix/Linux Operating Systems
- Object Oriented Programming
- Web Development I

---

<sup>1</sup> 4.0 in University of Missouri courses. 3.98 when including high school transfer credits.

