

# TYLER MUI

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## EDUCATION

Arcadia University, **B.S. in Computer Science and B.S. in Mathematics**, GPA: 4.0  
Relevant Coursework: Data Structures and Algorithm Analysis, Java OOP I & II, Database Management System Design, Artificial Intelligence, Operating Systems, Kotlin  
Mobile Development, Intro to Data Science w/ R

Glenside, PA  
Anticipated Graduation: May 2025

## SKILLS

- **Coding:** Java, Python, SQL (PostgreSQL), R, Git, Javascript, HTML, CSS, Kotlin, .NET, React, Bash
- **Tech:** Github, Linux, VMs on Google Cloud, AWS (Full-App DevOps), Virtualization, Kubernetes, Containers (Docker, podman, compose), YouTrack, Slack, Mobile Phone Development on Kotlin

## EXPERIENCE

### Destro Machines

- *Software Developer - Internship*
    - Developed full stack application consisting of React.js frontend, Postgres backend created with entity framework code first approach
    - Worked in an agile workflow environment utilizing JetBrains YouTrack for issue and project tracking
- Remote,  
September - December 2022

### Pine Crest Lake Golf & Country Club

- *Pool Manager - Seasonal*
    - Delegated tasks to lifeguard staff and regulated daily pool and beach operations
    - Successfully managed and distributed weekly lifeguard schedule to a team of nine
    - Effectively communicated between staff, homeowners, and main office
- Pocono Pines, PA  
Summer 2022 & Summer 2023

### Wissahickon Community Aquatic Club

- *Lifeguard - Part Time, (10 - 20 hours a week while maintaining a 4.0 GPA)*
    - Supervised swimming and water polo activities at the pool and performed first aid
- Ambler, PA  
September 2022 - May 2023

## PROJECTS

- [Travel Planner](#) - Flask and bootstrap-based dockerized application to store and update travel plans
  - Integrated the backend of the application that included sign-up, login, and logout functionality
  - Use of the Google Maps API
- [Greyer Pages](#) - Python-based web scraper with a friendly UI and search capability
  - A group of three, I implemented the terminal portion of the project
  - A spin on the popular website white pages
- [Destiny Dump](#)
  - SQLITE database of all Destiny 2 weapons with a Python interface

## AWARDS & ACTIVITIES

- The Provost's Prize (awarded to the sophomore with the highest cumulative averages for three semesters of study at Arcadia University)
- Dean's Distinguished Honors list (Fall 2021 - Spring 2023)
- Member of the Arcadia University Student-Athlete Advisory Committee (SAAC) (Fall 2022 - Present)
  - Middle Atlantic Conference SAAC representative for Arcadia University (Fall 2023 - Present)
- Men's Swimming Team Arcadia University (Fall 2021 - Present)
  - 2021-2022 Rookie of the Year