

TYLER MUI

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EDUCATION

Arcadia University - B.S. Computer Science & B.S. Data Science; *GPA: 3.99* Glenside, PA
Awards: *Dean's Distinguished Honors, Provost Prize (award sophomore with the highest cumulative GPA for three semesters)* Aug 2021 - May 2025

Relevant Coursework: Data Structures and Algorithm Analysis, Java OOP I & II, DBMS Design, Artificial Intelligence, Intro to Data Science w/ R, Computer Organization and Architecture, Operating Systems, Kotlin Android Dev

SKILLS

Coding: Java, Javascript, Kotlin, HTML, CSS, R, Python, SQL, Bash

Frameworks/Libraries: Jetpack Compose, Flask, AngularJS, Bootstrap, React, LaTeX

Tech/Tools: Github, jQuery, AJAX, Linux, VMs on GCP, AWS (Full-App DevOps), Cloudflare, Virtualization, Kubernetes, Containers (Docker, compose), Jira, Slack

EXPERIENCE

Comcast | Philadelphia, PA May 2024 - Aug 2024

- *Software Engineer - Internship*
 - Collaborated with Connected Living Xfinity Mobile Activation Team to create a simplistic and streamlined way to activate cellular service in Xfinity Android app
 - Created screens, debugged unit and snapshot tests, and improved code coverage and flow for Xfinity Mobile activation process utilizing Kotlin Jetpack Compose
 - Authored, refined, and assisted in planning stories, architectures, and implementations for the project
 - Applied Agile and Scrum methodologies to enhance software development and project management efficiency

Destro Machines | Remote Sep 2022 - Dec 2022

- *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

Pinecrest Lake Golf & Country Club | Pocono Pines, PA Summer 2022 & 2023

- *Pool Manager - Seasonal*
 - Delegated tasks to lifeguard staff and regulated daily pool and beach operations
 - Effectively communicated between staff, homeowners, and main office

PROJECTS

- [DPanel](#) - Lightweight Docker Management Platform
 - A lightweight Docker management interface where you can orchestrate containers, images, and compose files easily with a self or remotely hosted agent. Made with FastAPI, Redis, Go, and PubSub
- [Travel Planner](#) - Flask and Bootstrap-based dockerized application to store and update travel plans
 - Integrated the backend of the application. Made with Google Maps API, SQLite, and AJAX

CERTIFICATIONS

- [AWS Academy Cloud Architecting](#) | December 2023

ACTIVITIES

- 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