

Michael Komnick

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EDUCATION

The University of the South

B.S. in Computer Science & Mathematics (Double Major)

Sewanee, TN

Expected May 2024

- Overall GPA: 3.60
- Honors: Dean's List, Academic Honors Society
- Relevant Course Work: Deep Learning (Intro), Linear Algebra, Database Design with Web Applications, Calculus 3, and Game Design with Unity (Independent Study)

WORK EXPERIENCE

DataLab - Data Science for Social Good

Data Science Fellow

Sewanee, TN

May 2022 - July 2022

- Worked for a client to analyze four years of Healthy Minds Survey data
- Cleaned & merged data sets of 1,300+ observations with 100+ variables each
- Collaborated with a team using GitHub to analyze the data in RStudio
- Produced & presented a public interactive dashboard intended to spread student health awareness

SKILLS

- Advanced: Java & R, Intermediate: PHP, SQL, JavaScript, & C, Beginner: Python, C++, & C#
- Server/Web Tools: AWS EC2, Docker, GitHub/Git, Uncomplicated Firewall, and DigitalOcean
- Dev. Environments: Unity Game Engine, RStudio, Processing, and Arduino IDE

PERSONAL PROJECTS

Personal Ubuntu Server

Tullahoma, TN

September 2021 - Present

- Setup & managed a home Ubuntu Server to host video game & streaming services
- Managed server security using Uncomplicated Firewall, RSI keys, and port forwarding
- Automated the deployment of video game servers leveraging Docker & Ubuntu System Services

Rate My Dorm

Sewanee, TN

April 2022 - Present

- Developed a crowd-sourced local review site for University of the South housing
- Designed & maintained a MySQL database for storing reviews & user information
- Resolved client-side search queries & posts using PHP and SQL
- Utilized HTML, CSS, and JavaScript to create the interactive user interface

LEADERSHIP EXPERIENCE

Sewanee Fencing Society

Provost, Treasurer, and Armorer

Sewanee, TN

August 2022 - Present

- Assisted in coaching the basics of fencing
- In charge of budget and executed purchases
- Organized, maintained, and inventoried weapons & gear

Organization of Cross-Cultural Understanding

Treasurer

Sewanee, TN

August 2022 - Present

- In charge of budgets, purchases, and reimbursements
- Collaborated and coordinated with other executive members to host events

INTERESTS

- German, Fencing, Bowling, Tech/Electronics, and Video Games