Michael Komnick

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EDUCATION

The University of the South   **Sewanee, TN**
Bachelor of Science in Computer Science & in Mathematics   *Expected May 2024*

- Overall GPA: 3.60
- Honors: Dean's List, Academic Honors Society
- Relevant Course Work: Data Structures, Computer Systems/Organization, Analysis of Algorithms, Database Design with Web Applications, Game Design with Unity, Multimedia Programming & Design, Deep Learning, Calculus 3, Linear Algebra, Discrete Math

WORK EXPERIENCE

Sewanee DataLab   **Sewanee, TN**
Data Science Intern   *May 2022 - July 2022*

- Collaborated using GitHub & R to analyze four years of student success survey data
- Cleaned & merged four data sets of 1,300+ observations with 100+ variables each
- Developed a dashboard using R Shiny to visualize data with interactive dynamic graphs

PROJECTS

Personal Ubuntu Server   **Tullahoma, TN**

- 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 Systemd Services

Rate My Dorm   **Sewanee, TN**

- 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

SKILLS

- Programming: Java, C, C++, C#, HTML, CSS, JavaScript, PHP, SQL, Python, R, and Lua
- Developer Tools: Visual Studio Code, IntelliJ IDEA, RStudio, Unity, AWS, Git, Github, DigitalOcean, Brew, GoDaddy, BigTree CMS, Pure Data, Docker, and Uncomplicated Firewall

LEADERSHIP EXPERIENCE

Sewanee Fencing Society   **Sewanee, TN**
Provost & Armorer

- Teach students the basics of fencing, oversee financials, & inventory equipment

Organization of Cross Cultural Understanding   **Sewanee, TN**
Treasurer

- Organized expenses, budgets, reimbursements, and purchases using Google Sheets & Excel
- Collaborated and coordinated with other executive members to host campuswide events

INTERESTS

- Fencing, Bowling, Electronics, and Video Games