

Parker Homann

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<https://github.com/phomann13> (Email for access to private repositories)

Work Experience

Asurion

Sterling, VA

Software Engineer (Intern)

May 2024 – August 2024

- Created multiple python predictive models to enhance efficiency in job management, leveraging data analytics to forecast needs and optimize resource allocation
- Developed React frontends to display internal tools and data, improving accessibility and usability for users
- Utilized Node.js and Express to develop and refine APIs for efficiency and to better align with business needs
- Leveraged numerous AWS tools to support configurations, resource control and organization

InventXYZ

College Park, MD

Computer Science Teaching Assistant and Developer

September 2023 - Current

- Implement engaging coding projects for students, teaching the fundamentals of coding through demonstrations
- Assist students with individual implementation while answering technical questions
- Collaborate with other teaching assistants to organize and prepare for each teaching session
- Develop custom automated learning tools to enhance student's educational processes

Rackner

College Park, MD

Business Analyst (Intern)

June 2023 -May 2024

- Researched and Analyzed Government DevSecOps/Ai Engineering/Cloud computing contracts
- Communicated with market leaders to create teams to cooperate on contracts
- Continuously researched emerging software tools and practices to influence business direction
- Collaborated with cross-functional teams to understand objectives and provide data-driven recommendations

Education

The University of Maryland – College Park

Graduation May 2026

- Mathematics: Statistics (B.S.)
- Computer Science: Data Science (B.S.)
- College Park Scholars: Public Leadership
- Dean's List: Fall 2021, Fall 2022, Spring 2023, Fall 2023, Spring 2024

Cumulative GPA: 3.6

Relevant Project Work

Roots and Routes – rar.cs.umd.edu

January 2024 - Current

TypeScript, Remix, Prisma, PostgreSQL, Docker, Tailwind CSS

- Full-Stack development webapp created for the University of Maryland Plant Sciences department
- Lead a 5-member team through full agile software lifecycle from initial client needs to final delivered product
- Hosted over 100+ users and University of Maryland Arboretum data
- Created Administrative tools to allow easier editing past and future data in a no-code format
- Ran numerous validation and acceptance testing procedures to identify areas of need and improvement

Eta Chapter Website – umdpsk.org

August 2022 – Current

JavaScript, React, CSS

- Revitalized the chapter website to communicate chapter values and recruitment information
- Actively working with brothers and alumni to create a networking portal to disseminate internship information
- Trained other members on essential web development skills and maintenance procedures

Leadership

Phi Sigma Kappa Fraternity

College Park, MD

President

October 2022 – October 2023

- Responsible for managing all organizational functions internally and externally
- Oversaw the allocation of \$80,000 budget for over 120 members
- Liaison for the chapter to the University, Alumni, and National Headquarters

UMD Interfraternity Council

College Park, MD

Vice President of Administrative Affairs

November 2023 – Current

- Served on the Vice President of Student affairs Advisory Board, along with other transitional working groups
- Organized and orchestrated all executive and president meetings maintaining agendas and file storage
- Managed all external relations and communications through IFC email, social medias, and website

Order of Omega Greek Honors Society

College Park, MD

President

May 2024 – Current

- Coordinated all chapter functions and community events for 200+ members
- Communicated with varying Greek councils to increase membership and outreach