

WILLIAM MEYER

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SUMMARY

William is a fourth-year computer science and cognitive science studies major at the University of Virginia seeking opportunities in backend software engineering within the financial services industry. Through his intensive coursework, and rigorous internship experience, William has developed production level expertise in a multitude programming languages and frameworks.

SKILLSET & TECHNOLOGIES

Concepts

- Test driven development
- OOP
- Agile development
- statistical analysis
- Regression modeling

Technologies

- Git
- Github
- PostgreSQL
- mySQL
- Metabase
- Unix

Programming Languages

- Python (Django)
- Kotlin
- C++
- Java
- SAS
- R

PROFESSIONAL EXPERIENCE

UNIVERSITY OF VIRGINIA – Charlottesville, VA

January 2022-Present

Teaching Assistant

- Lead one-on-one sessions with students to aid in problem solving for CS3102: Theory of Computation
- Demystify and clarify difficult and inaccessible topics of theoretical computing
- Provide input on course and assessment design with lead professor

FIGURE TECHNOLOGIES – Charlottesville, VA (remote)

June 2022-August 2022

Software Engineering Intern

- Expanded RESTful web service for enrolling, activating, and deactivating user financial accounts in test environment
- Created database tables for increased user identification information and propagated the tables retroactively for active users
- Rigorously practiced test driven development to ensure whitelabeled software was ready for production
- Completed tickets efficiently in a face paced, startup environment targeting production in Q3

UNIVERSITY OF VIRGINIA – University of Virginia

August 2019-May 2022

Undergraduate Research Assistant

- Performed quantitative analyses using Python to analyze frequency data and create visualizations to reveal the strategic and goal-directed processes to form and retrieve memories
- Set up rigorous scientific investigations to ensure reliable and valid results using brain recording technologies
- Wrote grant applications and received funding to investigate false memory with graduate student presenting findings internal and external at conferences

GLOBALID – Charlottesville, VA (remote)

June 2021-August 2021

Product Analyst Intern

- Constructed dashboards and data visualizations to monitor new user onboarding in preparation of the newly launched credit card program
- Wrote SQL queries to retrieve data for analysis of user retention in new onboarding flows
- Identified holes, inconsistencies, and outliers in current data pipelines and ensured solutions were implemented

EDUCATION & AWARDS

UNIVERSITY OF VIRGINIA, College of Arts & Sciences - Charlottesville, VA Expected May 2023

- Anticipated Dual B.A. in Computer Science and Cognitive Science (with concentration in neuroscience) | GPA: 3.79
- Recipient of the Double Hoo Grant; award recognizes undergraduate researchers pursuing mentorship opportunities within graduate programs
- Served as Meeting Coordinator for *Club Running at the University of Virginia*, hosting bi-annual events with regional college participation and 200+ students in attendance.