

PETER TESSIER

School: University of Virginia

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EDUCATION

University of Virginia, School of Engineering and Applied Science, Charlottesville, VA
BS in Computer Science and BA in Mathematics

Expected May 2025

- GPA: 3.93

RELEVANT COURSEWORK

- **Core:** Software Development (I & II) | Data Structures and Algorithms (I & II) | Discrete Math and Theory (I & II) | Computer Systems and Organization
- **Electives:** Machine Learning | Cybersecurity

SKILLS

- Python | Java | Sci-Kit Learn | Keras | C | Django | Bash | git | ssh | Matlab | Excel | Agile | TDD | Spanish

EXPERIENCE

Test Automation Intern, **ScienceLogic**, Reston, VA

June 2022 - August 2022

- Automated 4 manual test sets covering Electronic Key Management System (EKMS) initialization, restart-ability, logging, and token rotation, reaching 133% of company-requested goal
- Developed, tested, and standardized 800+ lines of Python code and 1100+ lines of Gherkin code
- Documented test automation guide on Jira webpage, including step-by-step instructions, individual test info, troubleshooting tips, and FAQs
- Delivered hour-long demonstration to team of 8, explaining both proper usage and underlying code
- Discovered, investigated, and detailed 3 bug tickets while running 11 Jira test sets as a Quality Assurance engineer

Website Development Lead, **Forge Sprints**, Charlottesville, VA

April 2022

- Directed team of 3 in implementing 6 website improvements and marketing strategy for a local high school
- Specified timeline, solicited website access, communicated task expectations and progress, and executed virtual meetings with team and 5 clients
- Embedded photo gallery and API-powered Google Calendar using Wordpress and Elementor
- Included storage for finished and deleted items, a user-friendly display getter, and date-formatting algorithm

P2L Peer Coach, **University of Virginia**, Charlottesville, VA

January 2022 - May 2022

- Prepared and executed hour-long sessions twice a week to provide supplemental instruction for Calculus II
- Facilitated 5+ peers each session, evaluating particular group's needs and extemporizing when necessary
- Reviewed previously learned material in class to best communicate my understanding to peers
- Organized weekly coordination with course instructor to form optimal plan

Music Director, **Christian 'Hoos Exalt**, Charlottesville, VA

January 2023 – December 2023

- Orchestrated selecting, arranging, learning, and polishing 11 songs per semester for 14-member college a cappella
- Conducted 3-hour rehearsals twice a week, aligning with a semester-long plan to prepare for concerts and bi-monthly gigs
- Elevated stage presence through workshops and the introduction/teaching of choreography
- Spearheaded steps for musical excellence, resulting in a doubled membership and heightened audience acclaim

ACHIEVEMENTS

- One of four high school juniors selected for the West Point Leadership and Ethics Conference - a day-long event for ethical leadership training - for outstanding performance in academics, leadership, and involvement
- Led Boy Scout troop for 6 months as Senior Patrol Leader, implementing Patrol Competition, organizing weekly meetings and monthly outings, and formulating goal-based plans with Patrol Leaders' Council
- Reached B2 level of Spanish-speaking ability after studying abroad for 1 semester in Valencia, Spain
- Achieved Dean's List for maintaining GPA of 3.5+ with 15+ graded credits
- As AP Capstone Scholar, designed and presented year-long research project with 5,000-word report analyzing perception of fusion energy in 350+ high schoolers