

# PETER TESSIER

School: University of Virginia

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## EDUCATION

**University of Virginia**, School of Engineering and Applied Science, Charlottesville, VA

*Expected May 2025*

BS in Computer Science and BA in Mathematics

- GPA: 3.91

## RELEVANT COURSEWORK

- Data Structures and Algorithms | Computer Systems and Organization | Discrete Math and Theory

## SKILLS

- Python | Java | C | JavaScript | Bash | Gherkin | git | ssh | Matlab | Excel | Agile | Quality Assurance | 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

*To-Do List Maker*, **Personal Project**, Charlottesville, VA

*October 2021 - November 2021*

- Programmed a 300+ line to-do list maker with ability to compile "to-do" items with editable properties
- Utilized self-taught JavaScript language, MDN Web Docs, and expert advice to design plan, troubleshoot, and optimize functionality
- Included storage for finished and deleted items, a user-friendly display getter, and date-formatting algorithm

*2L 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

## 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