

Daniel Mancini

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Education

West Virginia University — Morgantown, WV (2018 - 2023)

Major: B.S. in Computer Science

Experience

Freelance & Contract Work

Taylor Law Office (February 2024 - Present)

- Redesigned and improved the Taylor Law Office website (tlowv.com)
- Utilized *HTML*, *CSS*, *Vue*, and *GitHub Pages* for deployment
- Installed new PCs and resolved PC/printer issues
- Installed Alibi security cameras to enhance office security

Self Employed | PrepMateChess.com (March 2024 - Present)

- Developed and deployed a full-stack web application from scratch to help users analyze chess openings and prepare against specific opponents
- Utilized *Python* and *Flask* for backend development, *HTML*, *CSS*, and *Bootstrap* for frontend design, *Firebase/Firestore* for session management, and *Google Cloud* for storage
- Implemented secure management of environment variables and user authentication
- Managed all aspects of the project lifecycle, including planning, development, deployment, and user feedback

Software Developer & Research Associate

West Virginia University (August 2018 - December 2019)

- Programmed Cybersecurity Simulation Portal (CSSP), an application to teach cybersecurity through realistic simulations
- Utilized *Docker*, *Ruby on Rails*, *AWS (EC2)*, and *GitHub* for development
- Designed, developed, and implemented features of CSSP in collaboration with a team

Honors and Activities

- Published author in an academic research paper: "A Cloud Based Entitlement Granting Engine," https://link.springer.com/chapter/10.1007/978-3-030-31239-8_17
- Distinction Level III Scholarship, RTF Everette C. Dubbe Research Scholarship, Statler Research Scholarship, Statler Academic LCSEE Scholarship
- Vice President of WVU Chess Club from 2023-2024

Computer Experience

Programming Languages: Java, Python, C/C++, Ruby

Web Development: HTML, CSS, Flask, Ruby on Rails, Bootstrap, Vue

DevOps & Cloud: Docker, AWS (EC2), Firebase (Firestore), Google Cloud Storage, Heroku

Development Tools & Operating Systems: Git/Github, Linux, Windows