Weston Woodard *Full Stack Web Developer*

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🎓 Education

Molecular Biology, University of North Carolina Asheville

Professional Pilot & Aviation Instruction, American Flyers

Web Development, Lambda School

📜 Certificates

Commerical Pilot Certificate
Instrument Rated

Certified Flight Instructor
Instrument Instructor Rated

Advanced Ground Instructor
w/ Instrument Ground Instructor

CompTIA A+ Certified

B.S. Molecular Biology

Full Stack Web Dev Lambda Graduate

🗂 Projects

African Marketplace, Front End ⬈

Worked with a team of developers to create a mock platform for users to create accounts and put up various marketplace items for sale, as well as allow purchase of said items. The project is a React App with CRUD that utilizes browser side routing, token authentication, and protected routes. Form validation is supported through yup.

Use My Tech Stuff, Back End ⬈

Worked as team lead to create a Node.js based server and API. Database was built out of SQLite. Server was set up using Express. JSON tokens used for authentication. Endpoints, custom middleware and routing were all utilized.

Cookbook Recipes, Front End ⬈

Created a PWA that utilized API CRUD operations to allow for user profile creation and storage of cookbook recipes. React based App with JSON token validation and protected routing.

🧠 Skills

| HTML | CSS | Javascript | GitHub | Visual Studio Code | React | Node.js |

| Cypress | Redux | Python |

💼 Professional Experience

Flight Instructor Line Supervisor, American Flyers
- Provided flight and ground instruction to students working toward Private, Instrument, and Commercial ASEL certificates
- As a SIP Team Leader, coordinated a group of fellow CFIs to ensure quality instruction and time tables for student's programs were being met
- Taught extended curriculum ground classes that prepared students for their FAA written exams

Administrative Internship, American Flyers
- Assisted School Director in the facility management, student programs, instructor and student scheduling, payroll, and scheduling of aircraft maintenance
- Processed paperwork through the local FSDO for CFI candidates and scheduled checkrides with DPEs for students
- Managed 141 programs to ensure students were reaching aviation goals within financial quotes and timeline limitations

Undergraduate Research, University of North Carolina Asheville
- Conducted research on genes involved in micro-bacterial social motility
- Collected and analyzed data using lab techniques and procedures including PCR, DNA ligation, DNA digestion, DNA purification and preparation, gel electrophoresis, cell culture transformation, conjugation procedures, and proper sterilization techniques
- Presented findings at senior research symposium and submitted a research paper to the UNCA undergraduate research journal