Olive Maunupau

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EDUCATION

University of California, Davis - Davis, CA
Bachelor of Science, Computer Science Major, College of Engineering
Engineering GPA: 3.5/4.0
Relevant coursework: Operating Systems & System Programming, Computer Architecture, Software Development in UNIX & C++, Computer Networks, Machine Learning, Artificial Intelligence, Algorithm Design & Analysis

PROFESSIONAL EXPERIENCE

Fullstack Software Engineer - *The Maunupau Method* November 2024 - Present

- Initiated and led the development of a full-stack web application for The Maunupau Method, addressing the need for a digital platform to enhance coaching accessibility
- Designed and implemented a responsive and dynamic front-end using React.js, creating reusable components, dynamic forms, and modern CSS3 styling to ensure visual appeal
- Currently developing a secure backend using Node.js, Express, and MongoDB with a focus on user authentication, lesson booking, and data storage

Frontend Software Developer -Reality AI June 2024 - August 2024

- Collaborated with the UX team to create an interactive dashboard that visualizes personalized career path recommendations and skill development progress
- Implemented data visualizations using Nivo Charts to provide AI-generated coaching recommendations

PROJECTS

Responsive Portfolio Website February 2025
https://olivem20.github.io/Portfolio/

- Set out to deploy my first website by building a portfolio site from scratch, focusing on mastering HTML, CSS, and UI/UX design while showcasing my skills
- Developed a fully responsive portfolio website using only HTML and CSS, implementing interactive sections for About, Portfolio, Skills and Contact, and integrating Google Sheets for form submission

AI Tennis Coach Chatbot February 2025
https://github.com/olivem20/TennisChatbot

- Developed a rule-based chatbot using Python, NLTK, and Regex to provide step-by-step tutorials on tennis strokes, answer technique-related questions, and offer strategy tips for player improvement

Employee Productivity Prediction October 2024
https://github.com/olivem20/EmployeeProductivityPrediction

- Developed a linear regression model to predict employee productivity using job title, salary, work hours, and overtime, achieving an R^2 score of 0.97
- Preprocessed data with Python, Pandas, and Scikit-learn, optimizing model accuracy through feature scaling and multicollinearity reduction. Applied Matplotlib and Seaborn for data visualization

TENNIS EXPERIENCE

- **Division 1 Student-Athlete & Team Captain** – Went from a walk-on to a full-scholarship athlete and team captain for the UC Davis Women's Tennis Team, recognized for leadership, resilience, and work ethic while balancing 20+ hours of training with academics
- **Assistant Coach II, UC Davis Women's Tennis** – Transitioned from player to youngest assistant coach at 22, analyzing match performance, and coaching athletes, delivering results in high pressure situations

SKILLS

- **Programming languages:** Java, JavaScript, C/C++, Python(NumPy, Pandas, Matplotlib, Plotly, Tensorflow, Keras, PyTorch, Scikit-learn), HTML, CSS, SQL
- **Developer Tools:** React, Node.js, Express.js, MongoDB, Git/GitHub (version control), Linux commands, Wireshark, Docker, Shell Scripting
- **Networking & IT Knowledge:** TCP/IP protocols, JSON, Multi-threaded programming, Troubleshooting hardware/software issues, Google Cybersecurity Certification (in progress)
- **Soft Skills:** Strong problem-solving abilities, collaborative team player, quick learner in technical environments