

# Valex Jean-Pierre Evans

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## EXPERIENCE

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| <b>Web Developer Intern</b>   Cooledtured   | <b>10/24 - Present</b> |
| <ul style="list-style-type: none"><li>Developed modular and scalable React components for a responsive e-commerce website.</li><li>Identified and resolved bugs to improve functionality and enhance user experience.</li></ul>   |                        |
| <b>Engineering Intern</b>   Crunchy Tech  | <b>06/22 - 12/22</b>   |
| <ul style="list-style-type: none"><li>Utilized SOLIDWORKS for prototyping and rendering 3D visuals for assembly instructions.</li><li>Created detailed BOMs and rendered 3D visuals to improve manufacturing workflows.</li></ul>   |                        |
| <b>Engineering Intern</b>   Siemens Energy Innovation Center by Viable Engineering Solutions  | <b>01/22 - 05/22</b>   |
| <ul style="list-style-type: none"><li>Collaborated with a team to research and develop a Compressed Air Energy Storage System (C.A.E.S.).</li><li>Programmed a microcontroller using C++ to collect sensor data for industrial applications.</li><li>Developed automated data-logging solutions integrated with Excel for efficient analysis.</li></ul> |                        |
| <b>Engineering Intern</b>   Limbitless Solutions Inc.   | <b>05/21 - 12/21</b>   |
| <ul style="list-style-type: none"><li>Designed, assembled, and tested multi-gesture prosthetic hands and a custom 3D-printed gearbox assembly, demonstrating precision in robotics and mechanical design.</li></ul>   |                        |

## PROJECTS

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| <b>Synthetic Voice Operator Project</b> – PEO STRI   | <b>08/24 - Present</b> |
| <ul style="list-style-type: none"><li>Developed back-end APIs and integrated an advanced Large Language Model</li><li>Designed and implemented a MySQL database for storing and retrieving structured data efficiently.</li></ul>  |                        |
| <b>Mobile Application Development for Turntable Project</b> – OO Software Dev. Course  | <b>02/24 - 04/24</b>   |
| <ul style="list-style-type: none"><li>Developed API endpoints for seamless mobile app-backend connectivity.</li><li>Coordinated with the front-end team to integrate and design the landing mobile wireframe.</li></ul>  |                        |
| <b>Frontend Development for LAMP Stack Contact Manager</b> – OO Software Dev. Course   | <b>01/24 - 02/24</b>   |
| <ul style="list-style-type: none"><li>Focused on the Front-End development, gaining proficiency in PHP, MySQL, and JavaScript.</li><li>Presented a LAMP stack contact manager project, showcasing professionalism, standards adherence, and clear communication.</li></ul> |                        |
| <b>Image Classifier Using Convolutional Neural Networks</b> – Robot Vision Course  | <b>10/23 - 12/23</b>   |
| <ul style="list-style-type: none"><li>Developed and trained a Convolutional Neural Network (CNN) using TensorFlow and Keras to classify handwritten digits from the MNIST dataset, achieving a test accuracy of 99%.</li></ul>   |                        |

## SKILLS

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- Languages & Frameworks:** C, C++, Java, JavaScript, Python, CSS, HTML, JSON, PHP, SQL, React, React JS, Bootstrap
- Tools & Technologies:** Git, Postman, SolidWorks, Fusion 360, Arduino, Robotics, Visual Studio, Jira, MS Office, AWS, UML

## EDUCATION

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|---|-------------------------------------|
| <b>Bachelor of Science in Computer Science</b>  | <b>Expected Graduation May 2025</b> |
| University of Central Florida   |                                     |
| <ul style="list-style-type: none"><li><b>Related Coursework:</b> Algorithms for Machine Learning, Robot Vision, AWS Cloud Security Foundations, Object-Oriented Programming, Database Systems</li><li><b>Certifications:</b> Certified SOLIDWORKS Associate (CSWA), Intro to Front-End Development (Meta), AI-Powered Chest Disease Detection and Classification</li><li><b>Organizations:</b> Association for Computing Machinery (ACM), Robotics Club, AI Club, American Society of Mechanical Engineers (ASME)</li></ul> |                                     |