

# Joseph Carlin

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## WORK EXPERIENCE

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### Treevah

Software Engineer Intern

Remote

June 2024 - September 2024

- Spearheaded tech stack selection after 40+ hours of comparative analysis, reducing development risk and improving deployment time.
- Boosted file handling efficiency by 50% by integrating Tauri FS API and optimizing I/O logic.
- Developed workflows capable of managing 10,000+ files and directories with minimal latency.
- Actively contributed to 10+ Agile sprints, supporting dynamic feature pivots and team velocity improvements.

## EDUCATION

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### University of North Carolina - Wilmington

Bachelor's, Computer Science

August 2023 - May 2025

GPA: 3.07

### Wake Tech Community College

Associate's, Computer Science

August 2021 - May 2023

GPA: 3.3

## PROJECTS

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### real-time face tracking

Python / OpenCV / MediaPipe

Remote

January 2025 - Present

- Engineered a real-time facial tracking system with 95% detection accuracy using MediaPipe.
- Enhanced interaction speed and frame processing by optimizing OpenCV pipelines.

### Calendar App

Flutter / Firebase

Remote

January 2025 - May 2025

- Built a calendar app with event reminders, recurring events, and cross-platform support.
- Led team as Scrum Master; increased team output by 30% through efficient sprint planning.
- Integrated Firebase backend for real-time event updates and notifications.

## SKILLS

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**Language's:** Python, Java, SQL, Rust, HTML/CSS, JavaScript

**Frameworks & Tools:** Github, Flutter, Tauri, OpenCV, Mediapipe, VSCode, Firebase

**Development Concepts:** Agile, scrum, REST APIs, Cross-platform Development, Debugging, Unit Testing

## CERTIFICATIONS

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Google Cyber security Professional