

Darian Dean

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SUMMARY

Motivated and adaptable Computer Science student with strong foundations in Java, Python, C++, and C. Experienced in software development, algorithms, and data structures, with the ability to work in teams, communicate effectively, and solve complex problems. Seeking a full-time or internship opportunity to leverage my skills and life experiences in a dynamic environment.

SKILLS

Technical Skills: Java, C++, Python, C, MASM32 Assembly, SQL/MySQL, HTML/CSS, JavaScript/TypeScript, Algorithms and Data Structures, Discrete Structures, Unix/Linux, Unit Testing, Debugging, Git, GitHub, Jira, OOP Principles, Computer Networks, Agile/Scrum, MS Office (Excel, Word, PowerPoint), Google Skills (Sheets, Slides, Docs).

Other Skills: Communication, Problem Solving, Critical Thinking, Teamwork and Collaboration, Adaptability

FORMAL EDUCATION

- **Bachelor of Science in Computer Science**, Florida Institute of Technology, Melbourne, Florida Projected Spring 2026
 - Current GPA: 3.37
- **Associates of Science**, Southwestern Illinois College, Belleville Illinois July 2023
- **Associates of Arts**, (Dual Enrollment) Southwestern Illinois College, Belleville Illinois May 2022

Projects

Plate Vision

- Plate-Vision is a web application that detects and recognizes license plates from images using YOLOv5 for object detection and Tesseract OCR for text recognition.
 - License Plate Detection: Detects license plates in images using a YOLOv5 model.
 - Text Recognition: Extracts and displays the text from detected license plates using Tesseract OCR.
 - Web Interface: Provides a user-friendly web interface for uploading images and viewing results.

EXPERIENCE

CS(Computer Science) Help Desk Tutor Florida Institute of Technology, Melbourne Florida | Oct 2024 - Present

- Student Tutor for Florida Tech's Computer Science Help Desk, helping students understand concepts in various CS courses, like Discrete Math, Data Structures and Algorithms 2, Fundamental of Software Development, Programming Language Concepts

Passenger Service Agent Menzies Aviation, Melbourne International Airport, Melbourne Florida | Jun 2025 - Present

- Provide check-in, baggage, and boarding services for international TUI flights
- Support passengers with travel questions, ensure smooth flight operations
- Coordinate with airport staff to maintain efficient and safe ground handling

Military Peer Support Group Burlington County Regional High School, Burlington New Jersey

- Filled leadership role and co-led special events for the year

HONORS & CERTIFICATIONS

- **Upsilon Pi Epsilon**, International Honor Society for the Computing and Information Disciplines
- **Security Clearance Readiness Program**, Zel Technologies
- **National Cyber League 2022 Team & Individual Game**, Stats on LinkedIn
- **Running Start Program – Southwestern Illinois College**
 - Dual enrollment program for select students who maintain a GPA of 4.5 (on a 5.0 scale)
 - Attended Junior and Senior year of Highschool

CO-CURRICULAR ACTIVITIES

- **FITSEC – Cyber Security Team** at Florida Institute of Technology
- **Scuba Team** – Florida Institute of Technology

