Thomas Kantecki

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EDUCATION

University of Central Florida (UCF)   Orlando, FL
B.S. in Health Informatics, Expected Graduation: Fall 2026   *Dec 2026*

Valencia College   Orlando, FL
Associate of Arts in General Studies   *Aug 2023*

EXPERIENCE

Sales Associate   Mar 2023 – Jul 2023
Lacoste   *Orlando, FL*

- Delivered exceptional customer service in a luxury retail environment.
- Achieved sales targets through product knowledge and client relationships.
- Maintained visual merchandising standards and assisted with inventory management.

Administrative Assistant   Apr 2021 – Aug 2022
Hilton Grand Vacation Club   *Orlando, FL*

- Processed and checked in approximately 100 guests daily; drafted contracts and handled payments via Authorize.net.
- Collected and safeguarded sensitive information (e.g., SSNs); ran credit checks using Experian.
- Prepared weekly payroll and sales reports; maintained office supplies and supported operations.

PROJECTS

Kinexis: Computer Vision ROM Tracking | *Python, OpenCV, MediaPipe, Healthcare* Knight Hacks VIII - Best App
- **Won Best App award** at Knight Hacks VIII (1000+ participants) for developing a computer vision-based range of motion tracking system.
- Built real-time pose detection using MediaPipe to measure joint angles for physical therapy applications.
- Designed intuitive interface for therapists to track patient progress and generate ROM assessment reports.

Sentinel: AI PHI Risk Scanner | *Python, Streamlit, Regex, Healthcare IT*   Hackathon Project
- Built regex library of 40+ **PHI** identifiers and tested on 500+ sample documents, flagging ~95% of **PHI** exposures during hackathon demo.
- Developed a prototype tool that detects and scores **PHI** exposure in uploaded files using regex and pattern matching.
- Applied healthcare domain knowledge including **HIPAA** considerations and enterprise-grade DLP requirements.

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, JavaScript, React, Next.js
Healthcare IT: HIPAA, SOC 2, HITRUST, Epic, ICD-10, CPT, HCPCS, SNOMED, LOINC, HL7 FHIR, Revenue Cycle
Tools & Platforms: Windows, Linux, macOS, Docker, Vercel, GitHub, Raspberry Pi, Streamlit, MySQL, Unity, Pygame, Figma
Languages: English (Native), Norwegian (Intermediate – B1)

EXTRACURRICULARS

KnightHacks (UCF Student Tech Organization)   Summer 2025 – Present
Active Member   *Orlando, FL*

Healthcare Case Club (UCF)   Fall 2025 – Present
Active Member   *Orlando, FL*