

Nicolas A. Luthi

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EDUCATION

Arizona State University **Aug. 2023 – May 2025**
Bachelor of Science in Computer Science
Cumulative GPA: 3.7/4.0

Scottsdale Community College **Aug. 2021 – May 2023**
Associate of Science in Computer Science
Scottsdale, AZ

Relevant Coursework:
Data Structures and Algorithms, Agile Methodologies and Project Management, Collaborative Engineering, Object-Oriented Programming, Digital Design, Intro to Cybersecurity

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, Swift, Dart
Frameworks: Flutter, LangChain, Flask, FastAPI, Tensorflow
Developer Tools: Firebase, Git, Docker, Jira, Figma, VS Code
Libraries: pandas, Pytorch

EXPERIENCE

Mobile Development Internship **May 2023 – September 2023**
Healthee (startup) *Scottsdale, AZ*

- Individually developed an iOS app using OpenAI API, trained on 10k+ data points, with Google Firebase for security.
- Self-taught Dart, Python, Flutter SDK to build a responsive chatbot with Llama 2 LLM and Hugging Face integrations.
- This application helped enable startup to secure 6-figure funding.
- Oversaw full project cycle (5 months): 1 month planning, 3 months development, 1 month testing and interviews.

Residential Solar Consultant | Regional Manager **August 2019 – December 2022**
Skywells Energy *Phoenix, AZ*

- Achieved a 5% cancellation rate, 93% employee retention, doubled profit contributions annually, and grew team success rate by 2.1x
- Named top salesperson within three months and was promoted to Regional Manager after 1 year due to my performance.

PROJECTS

Led Arduino Arcade | *C++, Arduino, LogicWorks* **March 2023 – May 2023**

- Developed an interactive Tetris game with button controls and ROM for scorekeeping, integrating hardware and software.
- Used Arduino Mega and LED strips, programming with Arduino IDE for system integration.
- Project highlighted at SCC to showcase potential student builds post-program, promoting the engineering department.

Health Team GPT | *Python, Flask, OpenAI API,* **June 2023 – July 2023**

- Developed a Flask app to route health queries to appropriate professionals, leveraging OpenAI API and health data sets.
- Offers diagnoses, treatment suggestions, meal plans, fitness routines, local doctor recommendations, and research links.

LANGUAGES

English: Full professional proficiency (Native speaker)
French: Professional working proficiency (B2)