

# Computer Science Sundevil

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## SUMMARY

Computer Science Junior with experience in full-stack development, computer vision, and microservices deployed in the cloud, seeking internship opportunities in summer 2025.

## EDUCATION

**B.S. Computer Science** May 2026  
Arizona State University, Tempe, AZ 3.82 GPA  
**Relevant Coursework:** Data Structures and Algorithms, Computer Vision, Foundations of Machine Learning

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Swift, Python, C/C++, Bash  
**Front-End:** HTML, CSS, React.js, Bootstrap  
**Machine Learning:** CNN, Deep Learning, PyTorch, Transformers, GPT, LangChain, LlamaIndex, RAG pipelines  
**Tools, Databases, and OS:** Node.js, Express.js, PostgreSQL, Heroku, Git, GitHub, Windows, MacOS, Linux/Unix

## PROFESSIONAL EXPERIENCE

**McKesson, Scottsdale, AZ: Software Engineering Intern** Jun 2024 – Aug 2024

- Designed a Jira Gadget (plugin) with **React.js** front-end and a **JavaScript** and **Python** backend that tracks open tickets
- Formulated a **Python** script to display data read in from a CSV file, using graphing functions from the Plotly library
- Programmed a Dash (Flask) app that handles POST requests and displays the user's requested graph on the gadget
- Improved server-gadget communication to provide a ready-to-install product for the customer, improving installation time by 25%

**Northrop Grumman, Rancho Bernardo, CA: Software Engineering Intern** Jun 2023 – Aug 2023

- Applied a voice-to-text based solution in **Java** with an inference time of 200 milliseconds, utilizing Google Cloud, Dialogflow, and Natural Language Processing APIs to search a large database that holds documentation relating to cyber security threats

## PROJECTS

**Where's My Car? (iOS Application), Class Project** Spring 2024

- Developed an iOS app in **Swift** that allows users to locate a parked car or any previously marked location from a map
- Used the MVC (Model, View, Controller) Architecture and followed traditional mobile development conventions

**Facial Recognition, Class Project** Fall 2023

- Built a web app utilizing **React.js** and **Node.js** to detect faces in a user entered image as a part of an online course
- Created a RESTful API (Flask) to register users and to track the number of images submitted in a PostgreSQL database
- Achieved 85% accuracy through effective data preprocessing and model tuning

**Daily Weather Update, Personal Project** Summer 2022

- Devised a program using the Dark Sky weather API to get data about the forecast for a certain location
- Utilized Apache Kafka with **Python** to set up a secure connection and send daily weather emails

## WORK EXPERIENCE

**Arizona State University, Tempe, AZ: Undergraduate Teaching Assistant, FSE100** Aug 2023 – Dec 2023

- Assisted 65 freshman engineering students with team projects, including an automated maze-solving car

**Kohl's, Gilbert, AZ: Cashier and Stocker** Aug 2020 – Aug 2021

- Recognized as employee of the month December 2020 and January 2021

## ACTIVITIES

**Software Developers Association, Tempe, AZ** Aug 2022 – present

- Attended weekly meetings to gain experience in Computer Science and Software Engineering topics