BHARATH GOWDA

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SUMMARY

Impact-driven Computer Science student (3.8 GPA) with expertise in Python, C++, and Excel. Experienced in financial operations and software development, managing third-party financial processes, leading technical projects, and optimizing workflows. Passionate about leveraging technology for data-driven solutions in business and IT.

EDUCATION

BACHELOR OF COMPUTER SCIENCE **Expected May 2026**
ARIZONA STATE UNIVERSITY **Tempe, AZ**

- GPA: 3.8
- Dean's List Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 25
- New American University Scholarship Recipient

APPLIED BUSINESS DATA ANALYTICS (certificate) **Expected May 2026**
ARIZONA STATE UNIVERSITY **Tempe. AZ**

- GPA: 4.00

SKILLS

Python, C++, C, C#, Java, Arduino Uno, Javascript, Assembly, HTML, Excel , MATLAB, Lens Studio.

WORK EXPERIENCE

Financial Data Operations Assistant **September 2024 - Present**
Arizona State University **Tempe, AZ**

- Manage third-party financial operations by interacting with collection agencies like NCM, Williams & Fudge, and RMS, providing itemized account statements, and ensuring compliance with FERPA and ASU financial policies for accurate debt recovery and student account management.
- Streamline financial reconciliation by leveraging Excel for data validation and financial reporting, ensuring accurate itemizations and error-free student account records.
- Enhance operational efficiency by optimizing email workflows, coordinating physical mail distribution, and supporting backend financial processes to improve ASU's student services.

Prototype Lead **January 2024 - December 2024**
VISIONARY HANDS **Tempe, AZ**

- Led a team of five engineers in designing and developing an ASL-to-audio conversion glove through ASU's competitive EPICS program, creating real-time translation technology to assist local deaf community.
- Developed a glove using five flex sensors, a gyroscope, and an accelerometer to accurately interpret American Sign Language (ASL) gestures, providing real-time audio translation with 90% accuracy.
- Spearheaded programming and integration of an ESP 32 microcontroller to translate ASL gestures into vector readings, delivering real-time audio output.

HONORS & ACTIVITIES

Team Lead **April 2024**
Devils Invent: Autonomy in Aerospace **Tempe,AZ**

- Engineered an award-winning Urban Air Mobility system with optimized routing and collision detection. Earned "Best Innovation and Technology" award and $1000 prize.

Team Lead **March 2023**
SpaceHACK For Sustainability **Tempe,AZ**

- Received Honourable Mention award for Best Data Visualization at SpaceHack for Sustainability event, for analyzing data on Brazil favelas and landslides with Google Earth and presenting findings in a compelling and informative manner.

Team Lead **September 2023**
Devils Invent: Augment Our Reality **Tempe, AZ**

- Created an immersive AR classroom simulation using Lens Studio, allowing users to experience role of an undergraduate teaching assistant (UGTA) through interactive scenarios, aimed at increasing UGTA participation.

Teaching Assistant – ASU 101 Section Leader **August 2024 - December 2024**
Arizona State University **Tempe, AZ**

- Led weekly discussions and mentoring sessions for 30+ freshmen engineering students, guiding through academic planning and career development.

CERTIFICATIONS

- Python for Data Science, AI & Development Certification (By IBM on Coursera, September/2023)
- Crash Course On Python Certification (By Google on Coursera, August/2023)