

Arjun Ranjan

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EDUCATION

Arizona State University

Tempe, AZ

Bachelor of Science in Computer Science; GPA: 3.91

May 2025

Relevant Coursework: Data Structures, Object-Oriented Programming, Compiler Design, Operating Systems, Software Engineering, Digital Design, Linear Algebra

EXPERIENCE

Software Engineering Fellow

July 2024 – Present

Headstarter AI

Remote

- Built 5+ AI apps using ReactJS, NextJS, OpenAI, AWS, Stripe API with 98% accuracy
- Developed projects from design to deployment leading 4+ engineering fellows
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice patterns

Gold Guide

January 2023 – January 2024

New Student Programs-Arizona State University

Tempe, AZ

- Guided 15,000+ students to kickstart their journey at ASU as new incoming students
- Interacted with incoming students and families to encourage on campus involvement
- Organized various events to facilitate the transition to university for new students

PROJECTS

EffortLogger | Java, SQL, JavaFX

May 2023

- Developed an application as part of SWE course to track and log project development using Agile methods
- Designed and Developed the backend using PostgreSQL

FMS | JavaScript

Jan 2022

- Developed a program using p5.js as part of an engineering course to help stroke victims recover their fine motor skills
- Spearheaded a team of 4 from design to development of games to help stroke victims

Banking Management | Java

July 2022

- Developed a Banking Management application using Java for OOP course
- Designed a fully persistent system using Hashing and JSON

TECHNICAL SKILLS

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, JavaFX, MATLAB, Assembly, Bash, Scheme

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse, Unix/Linux, SSH, DrRacket, Kernel Development

ACHIEVEMENTS

New American University Scholar: Attained \$15,500 scholarship per year for academic merit (Jan 2022-Present)

Dean's List: Earned the Dean's List award for consistent demonstration of academic excellence (Jan 2022-Present)

Accelerated Master's Program: Handpicked for the Accelerated Master's Program enabling completion on both Undergraduate and Master's in 4.5 years