# Anan Aziz

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## EDUCATION

### ASSOCIATES OF SCIENCE, COMPUTER SCIENCE

Mesa Community College

May 2019 | Mesa, AZ

Honors Student

Cumulative GPA 3.42

## COURSEWORK

- Digital Design Fundamentals
- Introduction to Computer Science (Java)
- Object Oriented Programming and Data Structures • Programming Languages (C++, Scheme, Prolog) • Computer Organization and Assembly Language (MIPS) • Internet/Web Development (HTML5, CSS) • Survey of Computer Information Systems • Discrete Mathematics • Multivariable Calculus

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

Java • C++ • Python • MATLAB HTML5 • CSS • Node.js • React.js JavaScript • Scheme (LISP) MySQL • Prolog • LaTeX

### SOFTWARE PACKAGES

Eclipse • Visual Studio C++, • Logisim Solidworks • MS Word • MS Excel MS PowerPoint • MS Access

### OPERATING SYSTEMS

Windows • Mac OS • Linux

## LEADERSHIP SKILLS

### MARICOPA COUNTY ANIMAL CARE |Group Leader

Sep 2019 | Mesa, AZ

- Lead a team to design highly durable dog beds.
- Reduced cost due to wear and tear.

### FOOTSTEPS |Program Manager

Sep 2015 | Dhaka, Bangladesh

- Created campaign and visited schools to recruit youths.
- Organized charity events to collect donation for winter.

## WORK EXPERIENCE

### MESA COMMUNITY COLLEGE |Mathematics Tutor

Expected Sep 2018 – Presently | Mesa, AZ

- Provided college students structured tutorial assistance on subjects varying from Basic Arithmetic to Calculus.
- Implemented various dynamic and comprehensive teaching methods, ensuring students are actively engaged.
- Improved students' test taking abilities by leading individual and highly collaborative group review sessions.
- Worked with a team of tutors and report students' participation and progress to supervisor.

### MESA COMMUNITY COLLEGE |Computer Lab aid & Note-taker

*(Disability Resource Center)*

Aug 2017 – Mar 2018 | Mesa, AZ

- Introduced the students to assistive software that support reading, writing, study skills and information access.
- Took notes for students with hearing impairment and other disabilities taking college level classes.
- Ensured equal access to in class information by sharing handwritten class and personal notes.

## PROJECTS

Personal Portfolio: ana2140358.github.io/cv/

GitHub: github.com/ana2140358

### CLOCKINS

- Used concepts of OOP in Java to create a highly dynamic database management system for hospital employees.
- Back-end code reflects adept knowledge of concepts like Polymorphism, Inheritance, and Interfaces in Java.

### SIMPLE CALCULATOR

- Built a simple calculator using only Assembly Language (MIPS) in the back-end.
- Used JavaScript in the front-end to create an interactive GUI.
- Used in-depth knowledge of the registers and memory to store and calculate user inputs.

### ATM SIMULATOR

- Used C++ to built a simulatory Automatic Teller Machine (ATM).
- Program allows each customer a unique User name and Personal Identification Number (PIN).

## CLUBS & SOCIETIES

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|---|---|
| 2019 | Mesa Community College Maths Club |
| 2017 | Phi Theta Kappa Honor Society |
| 2016 | Mesa Community College Honors Program |