

# Samer Yahia

## Full Stack Engineer

syahia@uci.edu | (951) 663-8680 | Pittsburgh, PA  
samer-yahia.com | [github.com/samer-yahia](https://github.com/samer-yahia) | [linkedin.com/in/samer-yahia](https://linkedin.com/in/samer-yahia)

As I've shifted from a programming enthusiast to a dedicated software engineer, I've recognized the significance of technology in our modern society. I seek a dynamic environment where I can continuously grow, diversify my skills, and be challenged. I value the camaraderie of a 'family-like' team and thrive on being a versatile asset, ready to adapt to meet the collective goals of the company.

### TECHNICAL SKILLS

|                      |  |
|----------------------|--|
| Languages            | Python3, Javascript, Java, SQL, MERN, Matlab, HTML5/CSS                          |
| Frameworks/Libraries | JSON, Flask, Bootstrap, AJAX, MVC, REST, ORM                                     |
| Databases            | MySQL, MongoDB   |
| Tools                | VS Code, MySQL Workbench, Google API, Postman, AWS, Microsoft Azure, Git, Github |

### Technical Projects

**Portfolio** | React, AWS

Nov 2023

Website portfolio to showcase who I am, my skills, experience, projects, and work experience.

Website: [www.samer-yahia.com](http://www.samer-yahia.com)

**San Jacinto Valley Academy Lottery Application** | Flask, HTML5/CSS/Bootstrap, GoogleSheet API, Azure May 2023

Developed a lottery application which randomizes waitlisted student lottery numbers from a google sheet based on number and grade level inputs. Winners are automatically pushed to SJVA's "Accepted Students" google sheet.

- Designed program to provide equal opportunity for waitlisted student enrollment
- Incorporated a dynamic grid rendering allows for unlimited student lotto results displayed on a page.
- Implemented checks to deliver the desired number of lottery winners.

**Credit Card Checkout System** | Python3/Flask, HTML5/CSS/Bootstrap, MySQL, Azure

July 2022

Employee credit card tracking system to log crucial information for company purchasing and auditing.

- Login and registration with validations for administrators and employees.
- Employee form for credit card use verification, including amount input and receipt upload. Administrator verification required.
- Dashboard displaying active cards and the 10 most recent checkouts. Full credit card checkout log and individual employee checkouts available.
- Future updates: Searchable log, dynamic credit card status display, and active directory integration using LDAP.

### Professional Experience

**IT and Software Support** | San Jacinto Valley Academy (SJVA) - San Jacinto, CA

Nov 2021 -

Current

Assist with server management, wifi networking, chromebook asset management, and custom software programs utilized for daily operations.

- Initiated SJVA's transition towards Hybrid Cloud system.
  - Database redundancy, deploying custom applications, transition to Azure Active Directory, and implementing cost-saving measures by 33%
- Managed an existing server and network infrastructure using Unifi products and its platform.
- Initiated user account creation as well as managing assigned assets and inventory for a 250+ employee operation.
- Implemented and documented an efficient, trackable task management training program for our team of 10 interns.

### Education

**Full Stack Programming Certification** | Coding Dojo

September 2021

**B.S. Earth System Science and Biology** | University of California, Irvine

September 2017