Adityadatta C. Joshi

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EDUCATION

University of Illinois at Chicago || College of Engineering   Chicago, Illinois
BS Computer Science   *May 2024*

RELEVANT TECHNICAL SKILLS

- **Programming Languages**: Python, SQL, Java, C++, C, Salesforce Apex
- **AI & Automation**: Prompt engineering (few-shot prompting, iterative refinement), data preprocessing & transformation
- **Development Tools:** Replit, Trinket, Codio, Mimir, VScode, Unity, MATLAB
- **Database Management:** MySQL, SQL Server
- **Systems:** Arduino (hardware and software interfacing)

RELEVANT COURSEWORK

Multivariable Calculus; Linear Algebra; **Program Design 1 (Python - Replit, Trinket); Program Design 2 (C++ - Codio); Discrete Mathematics;** Intro to Electrical & Computer Engr (MATLAB)**; Data Structures (C++ - Mimir, Replit); Programming Practicum (C - VScode); Software Design (Java - VScode); Programming Language Design & Implementation (SQL - Replit); Systems Programming (C - VScode); Computer Algorithms**; **Salesforce Trailhead**

EXPERIENCE

Technology Consultant   Remote
Technology Consulting Firm   *September 2023 – Current*
- Streamline onboarding with a database for 200+ hires, cutting paperwork and accelerating integration
- Enhance software architecture through **Salesforce** configuration, reducing downtime and driving efficiency
- Develop applications using Java, enhancing data management and analysis for application development by 12%
- Migrate medical and financial data from Excel and EMR into **Salesforce**, improving data visibility

Freelance Salesforce Developer   Remote
Freelance   *August 2023 - August 2024*
- Designed and implemented custom **Salesforce** solutions for small businesses, improving data visibility and reducing manual work by 20%
- Automated lead tracking and client onboarding processes using Flows and custom objects, enhancing workflow efficiency
- Integrated third-party data sources into **Salesforce** using native import tools and validation rules

Software Engineer Intern   Aurora, Illinois
Control Solutions LLC   *May 2023 – August 2023*
- Integrated product databases into MySQL, reducing query times and showcased to company leadership
- Automated linkage of outdated spreadsheets to MySQL, decreasing data discrepancies, improving efficiency by 10%
- Transitioned product form processes to Google Forms, cutting processing time and increasing data accuracy
- Developed a new employee setup form, reducing setup time by 15% and enhancing onboarding efficiency

Software Engineer Intern   Chicago, Illinois
Shirley Ryan AbilityLab   *June 2021 – August 2021*
- Extracted raw data and created visual reports, enhancing decision-making for engineering and sales teams
- Designed a Unity tutorial that enhanced productivity, reducing learning time for 10+ interns by 2 hours each
- Assisted in developing a Unity-based C# program for visuomotor distortion, benefiting over 30 stroke patients

PROJECTS

- Developed a **scrolling game** in **Python** using **Replit** that moves characters/objects across the screen from right to left either adding or subtracting the player's score upon collision
- Formulated data migration plan into **Salesforce** and migrated data from legacy systems using native **Salesforce** tools
- Designed a **class registration algorithm** in **C++** using **Codio** that allowed students to register to available classes

EXTRA-CURRICULAR ACTIVITIES

- **Certifications**: Salesforce Certified Platform Developer I, Intro to Credit, Becoming a Great Conversationalist
- **Clubs** - Engineering Design Team (EDT)
- **Business Fraternity** - Alpha Kappa Psi (AKPsi): Hosted networking events with fraternity for over 200 members
- **Sports** - Played for Central East U15 Cricket team in Nationals (8 MVP awards)