

Adrian Xu

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EDUCATION

Carnegie Mellon University	Mountain View, CA	Aug 2022 - May 2024
M.S. in Electrical and Computer Engineering - Software Engineering		
University of California - San Diego	San Diego, CA	Graduated Sep 2021
B.S. in Mathematics - Computer Science, GPA: 3.92, Magna Cum Laude		

EXPERIENCE

FutureDial.Inc	Sunnyvale, CA	Mar 2022 - present
Software Engineer		
<ul style="list-style-type: none">Developed and maintained critical software applications using C#, Git and .NET, aligning with strategic partner demands and ensuring high customer satisfaction.Leveraged platforms like Mantis and Bitbucket to track project milestones, manage tasksDemonstrated project management acumen by leading feature development, translating complex designs into actionable documentation, and utilizing project tracking tools effectively.Collaborated closely with cross-functional teams, exemplifying strong communication and organizational skills.Managed direct report, providing daily task assignments, scheduling meetings, and supporting problem-solving efforts, ensuring consistent progress and development.		
Pinterest Engage Program	San Francisco, CA	Jul 2019
Engage Scholar (link)		
<ul style="list-style-type: none">Developed technical solutions to complex problems, honing skills in software development and system designGained insights into professional software engineering practices and cloud-based architectures.		

PROJECTS

BioDive	Aug 2023 - Dec 2023
<ul style="list-style-type: none">Orchestrated the end-to-end creation of BioDive, a platform for biodiversity educationChampioned user-centric design by leading stakeholder interviews and usability testing, directly supporting the architectural and definition phases of product developmentTranslated complex technical and design requirements into actionable program plans with clear milestonesDeveloped project timelines, managed dependencies, and drove execution to ensure on-time delivery of program deliverables	
CMU Carpool	Aug 2023 - Dec 2023
<ul style="list-style-type: none">Engineered a microservices-based web application, demonstrating strong architectural and project execution skills.Managed project timelines and deliverables, aligning with best practices in program management and operational excellence.	
Emergency Social Network / Demo (link)	Aug 2022 - Dec 2022
<ul style="list-style-type: none">Led a team to develop a socially impactful web application, applying agile methodologies and robust system architecture knowledge, reflecting strong leadership and program management capabilities.	

SKILLS

- Strong background in **Algorithms, Data Structures, Java, JS, C#, Web Services and NoSQL**.
- Experience leading projects involving multiple teams in all aspects of the SDLC using **agile methodologies**.
- Excellent **communication skills**, both written and oral, and ability to work effectively in a team environment.
- Proven ability to **adapt quickly to new development environments** and find creative solutions to complex problems.
- Proficient in cloud tools such as **Amazon S3, Google Cloud Platform**, etc, with hands-on experience in deploying and managing cloud-based applications and services.
- Fully utilize tools like Visual Studio, Jenkins, Docker, etc

COURSES

Numerical Analysis	Statistics and Probability	Software Tools & Techniques	Online Database Analytics Application
Object Oriented Design	Intro to Cloud Computing	Software engineering Method	Data Structure and Algorithms
Software Design and Architecture	Software Requirements and Interaction Design	Foundation of Database Design	
Introduction to Adversarial Machine Learning	Artificial Intelligence for Product Managers	Product & Business Modeling	