ALI GUZELYEL

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EDUCATION

Illinois Institute of Technology, Chicago, IL
M.S. in Artificial Intelligence – GPA: 4.0/4.0   *Jan 2022 – Dec 2023*
B.S. in Computer Science – GPA: 3.93/4.0   *Aug 2019 – Dec 2023*

Relevant Courses: Algorithms, Data Structures, Database Organization, Data Mining, Systems Programming, Operating Systems, OOP, Mobile App Dev, Calculus, Probability, Statistics, Linear Algebra, Differential Equations, NLP, Computer Vision, Social Network Analysis, Statistical Analysis of Financial Markets, Software Engineering (Agile), Global SDE

WORK EXPERIENCE

Strata Decision Technology – Software Engineer Intern   *June 2022 – Aug 2022*
- Restructured a legacy Idea Center application to a Microservice and deployed on AWS.
- Developed using C# and React JS on .NET Core Framework and PostgreSQL.
- Collaborated in a Scrum team to deliver compact production code in an Agile environment.
- Implemented new features, debugged, made API calls, and migrated 10K+ data points.
- Presented final product to other teams and departments and received numerous positive feedback.

Sonsuz Design – Machine Learning SWE Intern   *June 2021 – Aug 2021*
- Engineered an app for a school to check in attendance via Face Recognition.
- Learned and applied Machine Learning concepts with Python and OpenCV libraries.
- Prepared for daily meetings about new assignments, implementations, code review, and documentation.

Ozyegin University – Software Engineer Intern   *June 2019*
- Led a team of 5 and coordinated with the design team to code a Virtual Reality game in Unity using C#.
- Overcame challenges through teamwork, successfully demonstrated to the academic committee.

Additional Experience:

Keystone Kids Academy – President | Head Teacher | Teacher (Values Education, Coding)   *Sep 2019 – June 2022*
Illinois Institute of Technology – Teaching Assistant (Java - OOP)   *Aug 2021 – Dec 2021*

KEY SKILLS

Languages: Python, Java, C#, C, React.js, SQL, R, OCaml, HTML, CSS, JavaScript
Tools, Libraries: Visual Studio, .NET Core, Entity Framework, Jupyter, Vim, GitHub, PostgreSQL

PERSONAL PROJECTS   *on GitHub*

Trading Tournaments – Stock Trading Competition Game (private repository)   *Dec 2022 - present*
- Engineering a web game using a stock market simulator API and Robinhood API with .NET and React.js
- Initiating a project with prototype-first approach, following the Agile Cycle with Kanban/Jira and GitKraken

Textbook Exchange – Global Software Development   *Aug 2022 – Dec 2022*
- Created a textbook exchange website and implemented Agile methods using Python, Django, and MySQL.
- Collaborated remotely around the globe, designed and planned user stories, utilized GitHub and Kanban/Jira.

Smart Home – Electronic Management System   *May 2020*
- Developed a desktop app that controls the smart appliances in houses as the project lead with Java.
- Successfully passed simulator tests to manage a Chicago's electricity usage.

ACTIVITIES

- Mentor and Coordinator at Keystone Youth Center Year-long Mentorship Program   *Sep 2019 – present*
- Guitarist and Concert Planner in SFL Music Band   *Sep 2017 – present*

Clubs: Association for Computing Machinery (ACM), Machine Learning at IIT (ML@IIT)
Hackathons & Seminars: DemonHacks (DePaul), UncommonHacks (UChicago), Spark AI