Mika Chang

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Motivated software engineer with proven results building .NET software, visualizing large datasets using Python, and automating workflows using batch scripting and NSIS. Dedicated to continuous improvement and designing software that is efficient, understandable, and usable by other team members. Ready to utilize my skills to support your team's goals.

PROFESSIONAL EXPERIENCE & LEADERSHIP

Programmer   **Brighton, MA**
DataAnnotation.Tech   *January 2025–Present*

- Technologies: .NET, C#, Python, TypeScript, SQL
- Frequently set up and learn new development tools for code review
- Review and debug code generated by LLMs to ensure functionality, accuracy, and efficiency

Software Engineer Intern   **Chaska, MN**
TEL Manufacturing and Engineering of America   *June 2023–August 2024*

- Technologies: .NET, C#, SQL, SSMS, Visual Studio, TFS, Office 365
- Designed .NET applications to facilitate legacy code migration, allowing software team to visualize interactions between files using thousands of variables
- Configured Windows 10 and 11 virtual machines to allow new team members to begin training immediately and safely while waiting for access to restricted software
- Automated software installer workflows to reduce installation time from multiple hours to a few minutes using batch scripting and NSIS
- Implemented real time data analysis using transactional SQL replication

Biochemistry Lab Assistant   **Madison, WI**
UW–Madison Venturelli Lab   *September 2021–December 2022*

- Technologies: Python (scipy, pandas, scikit-learn, matplotlib, seaborn), Git, LaTex, Visual Studio Code
- Implemented Python simulations of bacterial communities allowing thousands of communities to be studied in a few hours instead of multiple days
- Synthesized 20-minute progress presentations to explain experiments and data to up to 20 lab members

State Tournament Supervisor   **Milwaukee, WI**
Wisconsin Science Olympiad   *December 2021–April 2024*

- Organized volunteers and delegated tasks such as grading and tournament setup
- Instructed 100+ students during event and ensured adherence to lab safety procedures
- Ensured 60 tests were graded accurately within an hour of when each was taken

EDUCATION

Bachelor of Science in Computer Science and Data Science   **Madison, WI**
University of Wisconsin – Madison   *December 2024*
Candidate for Distinctive Scholastic Achievement (GPA: 3.92 / 4.0)

ADDITIONAL SKILLS

- Programming languages: C#, Python, SQL, R
- Operating systems: Linux, Windows 10/11
- Database platforms: MS SQL Server, SQLite3
- Cloud Platform Service Providers: AWS, GCP
- Docker
- Agile software development
- Version control software: Git/GitHub, TFS
- Office software: Microsoft 365, G Suite
- EDA Tools: Kafka, Spark, gRPC
- (ISC)2 Certified in Cybersecurity Certificate