Damir Temir

312-478-7890 | damir@temir.dev | linkedin.com/in/damirtemir | github.com/dtemir | temir.dev

Education

University of Illinois Springfield — Springfield, IL

B.Sc. in Computer Science, Minor in Mathematics, GPA: 4.0/4.0 — *Aug. 2019 – May 2023*

- Relevant Coursework: Programming Concepts, Discrete Structures, Data Structures & Algorithms, Applied Statistics, Calculus 2, Linear Algebra, Computer Organization, Introduction to Neural Networks
- Activities: Capital Honors Program, Peer Mentor for first-year students, Peer Tutor in Computer Science
- Achievements: Full-Ride Scholarship Recipient, Dean's List Honoree, Outstanding Sophomore Award

Technical Skills

Languages: Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: PyTorch, Django, BentoML
Developer Tools: Git, Docker, Heroku
Libraries: NumPy, pandas, Matplotlib, scikit-learn

Experience

Open-Source Fellow — September 2021 – Present

Major League Hacking — *Remote*

- Built support for an NLP framework in the core of an open-source project BentoML used by Data Scientists to deliver their Machine Learning projects in production
- Learned the best practices of Git and GitHub Project Management, exploring ways to work at a startup

Pre-Fellow — July 2021 – August 2021

Major League Hacking — *Remote*

- Assembled a Discord interface to automate daily GitHub discussion posts using REST APIs
- Contributed 20 Pull Request to team projects, actively developing group ideas
- Collaborated with a team of international developers to build group projects in a professional setting with daily standup meetings

Deep Learning Research Assistant — June 2021 – August 2021

Stanford University — *Stanford, CA*

- Developed a statistical interface to control distributions of amino acids produced by a Convolutional Neural Network
- Remodeled the *Protein Sequence Design Algorithm* using a Graph Neural Network to speed up sequence initialization by 300%
- Documented and presented research findings at the Protein Design Conference, *Summer RosettaCON 2021*

Projects

Fellowship Prediction | *Python, BentoML, Docker, Flask, React, Git* — September 2021

- Constructed a web tool to analyze GitHub Profiles of aspiring MLH Fellows for them to gain insights into their statistics
- Mined data on over 600 GitHub users to deliver a BentoML Prediction Service in production on Heroku with Docker
- Utilized the best collaborative practices with GitHub Projects, Pull Request Templates, and Extensive Documentation, winning an Orientation Hackathon

Resfile Interface | *Python, PyTorch, NumPy, PyRosetta, Git* — June 2021 – August 2021

- Built a statistical interface to modify the logits in PyTorch tensors under the Pseudo-Log-Likelihood (PLL) mathematical model to produce *internal hydrogen bonding networks*
- Substituted the Baseline Convolutional Neural Network Model with a Graph Neural Network, increasing the time efficiency of initializing the starting sequence for protein design by 300%

U.S. Consumer Complaint Analysis | *Python, Pandas, NumPy, Scikit-Learn, Folium, Git* — April 2021

- Analyzed an extensive federal dataset about the type of consumer complaints on financial institutions, building a heuristic model to rank their actions based on the volume, response type, disputes, and location
- Reported results with the most highly and poorly rated financial institutions, presenting results in graphs, plots, and maps