

Saul Lynn

Email
saullynn.lynn@gmail.com

<https://www.linkedin.com/in/saul-lynn/>
<https://www.saullynn.com/>

Phone
(573) 303-1325

Education	Missouri S&T Bachelor of Science in Computer Science Bachelor of Science in History	Dec 2022 GPA: 3.6/4.0
------------------	---	---------------------------------

Interests	Evolutionary algorithms	Game development	UI development	Digital forensics
		Data mining	Cryptography	

Technical Expertise

Software Development: C++, C#, Python (pandas, pygame), Javascript (React, React Native, Node.js), SQL, LISP, HTML, CSS, bash, git, AGILE

Software: Linux, GitHub, MySQL, SQLite, VS Code, Visual Studio, Weka (KD-Tree, CART, PRISM, DBSCAN, SVM, others), Adobe Suite, Unity

Leadership Experience

Residential Life (Hall Association Exec Board, Resident Assistant, Senior RA) Jan. 2018-May 2020

- Managed student events from idea stages to development, execution, and evaluation
- Worked successfully on tight budgets to create events that excelled in Residential Life
- Set team standards such as respect, creative thinking, and open communication
- Handled day to day tasks such as meeting notes, presentations, and supervisor reports
- Team won Hall Association of the Year and Educational Program of the Year for our work

Projects

Evolutionary Keyboard Layout Generator

- Utilized an evolutionary algorithm to create a more efficient keyboard layout
- Assisted in the development of individual evaluation parameters
- Implemented individual mutation and pair recombination operations
- Tuned the algorithm to produce a layout more efficient than Dvorak

Data Mining Group Project

- Cleaned data set using python and pydata's pandas library
- Utilized Weka software to implement data mining algorithms including KD-Tree and CART
- Explored statistically significant relationships between decision attributes and other attributes
- Created a report that included code documentation of the process and analysis of which algorithms were most accurate for the dataset

Personal Website

- Developed a multi-page website using React.js and React Router
- Implemented a page to automate the testing and scoring for various psychological scales
- Created a reactive, animated UI utilizing CSS and React Device Detect
- Wrote a contact form to send direct emails to a business email address in-site

Awards and Honors

Magna Cum Laude
Missouri S&T Outer Campus Housing Association Student Staff of the Year
Hall Association of the Year and Educational Program of the Year
Missouri S&T Dean's List
Residential Life Hall of Fame