# Mark Murphy

**Henderson, NV**

**(970) 692 1215**

**mark@markmurphy.codes**
**www.markmurphy.codes**

## Education

### MS | Computer Science

*Georgia Institute of Technology, 2024 [Anticipated Graduation]*

Focusing on computing systems. Areas of study include Operating Systems, Algorithms, High Performance Architecture and Computing, Compilers, Cryptography, and Security.

### BS | Computer Science

*Western Governors University, January 2021 [Graduated]*

Comprehensive curriculum including Calculus, Discrete Math, Data Structures and Algorithms, Design Patterns, Software Engineering, Operating Systems and Computer Architecture.

## Experience

**Developer**                                    July 2021 - Present
Freelance

- React/NextJS frontend, focusing on efficient, reusable components.
- 1M+ datapoint visualizations leveraging NextJS's server-side rendering and incremental static regeneration.
- PostgreSQL, MongoDB
- NodeJS/Express/Cluster/Cron

**Developer**                                    May 2021 – July
Trend Nation                                    2021

- Introduced unit testing to existing codebases
- Saved hundreds of dollars per day by finding bugs in financial/business-facing software
- PHP/Laravel/pgSQL/python/netsuite/Java/javascript/ mongodb

## Skills

- Git – Bash – C – Javascript – Java – PostgreSQL – Sequelize – MongoDB – Mongoose – Python – MatPlotLib – numPy – Pandas – NodeJS – React – NextJS -