(469) 325-3502
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https://chimezie.dev

Christian Chimezie

Skills

- **Languages:** Python, JavaScript, Go, C, C++, Bash, SQL
- **Toolbox:** Git, Unix/Linux, Docker, React, CI/CD

Experience

- **Software Engineer** *Dec 2021 - Present*
  T-Mobile USA *Dallas, TX*
  - Rectified a pervasive data corruption problem by scanning server-side logs and revising object-relational mapping logic.
  - Implemented automated semantic version tagging for a repository based on previous tags and keywords in commit messages.
  - Provided on-call support to developers for issues spanning development, testing, deployment, maintenance, and reliability.
- **Software Engineer** *Dec 2020 - Nov 2021*
  Technergetics, LLC *Remote*
  - Joined a remote-first development team tasked with building a web-based platform for AI/ML developers seeking to improve collaboration and simplify their workflow.
  - Refactored and modularized a monolithic, legacy automation script for populating the development environment with placeholder data.
- **Scientific Software Developer** *May 2019 - Dec 2019*
  NSF Research Grant *Stony Brook, NY*
  - Created an open-source python package for downloading and manipulating astronomical data from the OGLE-IV project.
  - Analyzed numerical data from thousands of gravitational microlensing events.
- **Computational Science Researcher** *Nov 2018 - May 2019*
  NASA Space Grant Fellowship *Stony Brook, NY*
  - Modeled classical atomic ionization in the context of plasma formation using python and various scientific computing packages to implement numerical methods and visualize data.

Education

- **Bachelor of Science in Physics** *Graduated Aug 2020*
  Stony Brook University *Stony Brook, NY*
  - **Relevant Courses:** Object-Oriented Programming, Computation for Physics and Astronomy, Data Analysis with Python, Linear Algebra, Computer Science Fundamentals, Databases

Projects

- **Akeelo - The Simple Science Search Engine:** Built and deployed an academic literature search engine in the form of a statically generated React-based web application consuming a preexisting Elasticsearch endpoint [*https://akeelo.com*].