Leo Alfred

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EDUCATION

BS in Computer Science, Minors in Statistical Science and Political Science — Minneapolis, MN
University of Minnesota – Twin Cities — Anticipated Graduation: December 2021
College of Science and Engineering — GPA: 3.93
Relevant Coursework: Machine Learning Fundamentals, Applied Multivariate Methods, Algorithms and Data Structures, Regression and Correlated Data, Quantitative Political Analysis, Artificial Intelligence II
Awards: William Jennings Bryan Prize Nominee, Dean's List (All Semesters), National Merit Scholarship, Gold Scholar Award, Presidential Scholarship, Bentson-Niblick Scholarship, Mayo Foundation Scholarship

TECHNOLOGY SKILLS

Assembly, Bash, Bootstrap, C, C++, CSS, Elasticsearch, Express, Git, HTML, InVision, Java, JavaScript, jQuery, JSON, MATLAB, Mongoose, Node, NoSQL, OCaml, PHP, Postgres, Python, R, Rails, React, Ruby, Sass, SQL, WordPress

WORK EXPERIENCE

Hetchie — Minneapolis, MN
Chief Technology Officer — Spring 2020 - Present
- Cofounded company that extracts insights from data to streamline law school on-campus interview processes
- Manage project since creation, conceptualizing NoSQL data architecture and information flow to prioritize results
- Formulate novel web application designs, ensuring quality user experience and distinctive brand presence
- Build complete codebase, coordinating with business team to bring abstract ideas to fruition and ensure security
- Handle MERN stack deployment and maintenance via Heroku, guaranteeing code integrity and product stability

Br8kthru — Minneapolis, MN
Web Development Intern — Spring 2021 - Present
- Updated old codebases and improved performance metrics, yielding 43% reduction in Comport load times
- Designed and implemented a variety of unique solutions for multiple clients, both individually and as part of a team

Pixelsmith — Minneapolis, MN
Full Stack Developer — Spring 2020 - Summer 2020
- Produced unique WordPress themes as a contractor for major companies including Medtronic and Charles Schwab
- Modernized and documented legacy JS and PHP codebases to ease maintenance and reduce development costs
- Interfaced with project management team to translate client needs into robust, platform agnostic websites

Considdr — Boston, MA
Full Stack Developer (Fall 2019 - Spring 2020), Software Engineering Intern — Spring 2019 - Spring 2020
- Led front end development using HTML, CSS, and JavaScript for web application employed by major companies
- Facilitated asynchronous big data processing through Ruby on Rails, Postgres, Elasticsearch, and Ajax
- Redeveloped entire design and user experience to ensure ideal cross-platform layout and responsiveness

VOLUNTEER EXPERIENCE

Black Data Processing Associates Southern Minnesota Chapter — Rochester, MN
Student Teacher — Fall 2016 – Spring 2018
- Composed curriculum for and taught web development technologies to classes of up to 50 students
- Mentored students individually to solidify subject matter comprehension and increase retention