

Leo Alfred

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EDUCATION

BS, Major in Computer Science; BA, Major in Political Science, Minor in Statistical Science Minneapolis, MN
University of Minnesota – Twin Cities Anticipated Graduation: May 2022
College of Science and Engineering, College of Liberal Arts GPA: 3.92
Relevant Coursework: Machine Learning Fundamentals, Applied Multivariate Methods, Algorithms and Data Structures, Regression and Correlated Data, Quantitative Political Analysis, Advanced Programming Principles
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

- Co-founded 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

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

Considrr 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 assure ideal cross-platform layout and responsiveness

VOLUNTEER EXPERIENCE

Rich Wright for Congress Rochester, MN
Volunteer Winter 2018 - Spring 2019

- Designed web presence, organized campaign content, and directed social media integration to promote campaign
- Customized WordPress themes, font pairings, and page layouts to increase voter engagement

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