

Dear Hiring Manager,

I am excited to apply for the Summer 2024 Data Engineering Internship at Ballotpedia. Currently pursuing my Master of Science in Computer Science at New York University, I am eager to bring my academic background and strong data analyzing skills to contribute to Ballotpedia.

During my tenure at eBay Inc., I engaged in developing an innovative data visualization dashboard that enhanced service alert response speed, alongside streamlining encrypted password exchanges to boost security and operational efficiency. These experiences have equipped me with a solid foundation in coding, system maintenance, and data processing — skills that are directly applicable to the responsibilities of the Data Engineering Intern role.

As the Co-founder and CTO of Kaizntree Co., I led the development of a management solution using Django and React, which significantly eased operational challenges. My role involved hands-on programming, data analytics, and the implementation of visualization tools that improved business processes and customer satisfaction, echoing Ballotpedia's commitment to empowering voters through data.

I am particularly drawn to the opportunity to contribute to building and improving Ballotpedia's systems that support a variety of applications. My proficiency in Python data analysis tools, along with a keen interest in writing elegant and well-documented code, positions me well to participate in projects to perform data processing for local election coverage.

Thank you for considering my application. I am keen to discuss how my background, skills, and passion for software development can contribute to the innovative projects at Ballotpedia. I look forward to the possibility of contributing to your team.

Sincerely,

Xiaochen (Nigel) Lu