**Ben Lopata**

Little Rock, Arkansas 72202 • 773-405-0957 • benlopata@gmail.com • [LinkedIn](https://linkedin.com/in/ben-lopata) • [GitHub](https://github.com/bLopata)

**Qualifications Profile**

Enthusiastic and goals-oriented young professional with a sharp technical acumen and passion for software engineering, poised to leverage keen expertise in object-oriented programming languages and front and backend development within an Agile environment.

* **Software Engineering:** Familiar with the entire software development process from design and development to testing and deployment. Skilled in translating UX concepts into code, developing new user features, and participating in design reviews. Proficient in crafting code for various software functions, testing functionality of applications, and tweaking the code to perfection.
* **Project / Database Management:** Ability to plan, execute, and control multiple projects within scope, time, and budget. Talent to install and test database management systems, customize applications, and meticulously monitor performance to meet both back-end and front-end needs and ensure the smoothest experience.
* **Collaboration & Team Building:** Quick learner and dedicated team player with a ‘can do’ attitude and proven ability to propel projects and teams to peak results while working with minimal supervision. Instrumental in collaborating with designers, developers, clients, and other product stakeholders to enhance product features, functionality, and reliability.
* **Key Strengths:** Superior leadership, communication, interpersonal, organizational, and problem solving skills. Adept at building productive working relationships. Capacity to work well under pressure, quickly learn job functions, and effectively handle a variety of tasks while remaining detail oriented. Excel in fast-paced, high-growth environments with tight deadlines and shifting priorities.

Technical Proficiencies:

|  |  |
| --- | --- |
| Languages: | JavaScript ES6+, Python 2.x/3.x, C#/.NET, Elixir/OTP, CSS, HTML |
| Frameworks: | React.js, Vue.js, Node.js, Bootstrap |
| Libraries: | NumPy, Pandas, TensorFlow, Winston, Express, Joi, Jest |
| Software & Tools: | Docker, MongoDB, MySQL, Heroku, Git, SVN, GCP, AWS, Chrome Developer Tools, RESTful APIs |

**Educational Background**

**Bachelor of Science in Electrical Engineering** (2017)

Louisiana Tech University, Ruston, Louisiana

**Experience Highlights**

**Southwest Power Pool, Pulaski County, Arkansas**

**Engineer** (June 2017 - Present)

Hold concurrent responsibility for designing, developing, and implementing process improvements using PowerShell and python. Liaise with member companies on a daily basis to manage and resolve critical issues in a timely manner, build productive relationships, and provide overarching technical support.

* Enhanced system performance and decreased reliability risks by performing extensive research and conducting studies on transmission outages for ten independent member companies.
* Reduced the time to complete a required contingency analysis study by 80% through analyzing existing procedures and automating procedures in python.

**Engineering Intern** (June 2016 – August 2016)

Facilitated the development of tools for real-time awareness while working in a multi-disciplinary team of engineers, developers, and analysts. Written classes in C# for calculating and quantifying electrical power used in real-time applications.

* Improved data visualization and analysis by designing and developing a stand-alone, user-configurable .NET application for presenting phasor measurement unit (PMU) data from SQL database.
* Excelled in high-pressure environment, gained practical knowledge and hands-on experience in application development methodologies, and developed solid coding, troubleshooting, analytical, and team building skills.