

David Lall

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EXPERIENCE

CUNY Brooklyn College

Oct. 2018 – Present

Software Engineer

Brooklyn, NY

- Developed a biometric punch clock application using React, Redux, Electron, and Node.js replacing manual punching, resulting in improved accuracy in attendance data; expanded use across campus.
- Developed label maker application for CUNY libraries that generates spine and pocket labels using React, Redux, Electron, and Node.js.
- Designed and developed an intuitive image plugin for uploading and selecting images within TinyMCE 6.
- Maintained inventory management and licensing systems using PHP and SQL, adding new features as needed.
- Successfully drove the conversion of multiple projects to TypeScript, improving code maintainability, scalability, and development efficiency.
- Automated testing using Jest and Enzyme to ensure software quality and reliability.
- Mentored interns and work-study students, providing guidance and knowledge sharing in JavaScript, SQL, and PHP to support their professional growth and enhance their technical skills.
- Engaged with end-users to ensure successful software installation and usage, incorporating user feedback into development cycles, resulting in improvement in user adoption and satisfaction.

CUNY Brooklyn College

Feb. 2018 – Oct. 2018

Software Engineer

Brooklyn, NY

- Researched and created the foundation for a biometric punch clock application using React, Redux, Electron, and Node.js.
- Developed interface for biometric reader using Java.

EDUCATION

CUNY Brooklyn College

2018

BS, Computer Science

Brooklyn, NY

CUNY Kingsborough Community College

2013

AS, Science

Brooklyn, NY

TECHNICAL SKILLS

Languages: Javascript, Typescript, HTML, CSS, SASS, PHP, Java, C#, C++

Frameworks & Libraries: React, Node.js, Electron, Express, Redux, React Query, Zustand, Bootstrap, Chakra UI, Material UI, Jest, Enzyme, Laravel

Databases: SQL, MongoDB

Tools: Git, Postman, Docker, Vite