Carlton Lewis

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WORK EXPERIENCE

Coursera - Technical Product Manager

July 2017 - current   New York, NY

- Worked closely with course instructors for technical classes to build an interactive coding environment for students to improve engagement and course completion by over 45%
- Oversaw a team of 5 developers to create the interactive coding environment, and talked to 50+ instructors to understand their feedback on the tool
- Surpassed expectations by 21% through the development of a feature to grow signups for programming-related classes
- Managed LMS to track, understand, and mitigate technical problems, including issues surrounding SSO and configuring servers

Coursera - Software Engineer

April 2015 - July 2017   New York, NY

- Collaborated with product managers to re-architect a multi-page web app into a single page web app in React, resulting in a yearly revenue lift of $1.3M
- Built the logic for a streamlined ad-serving platform that scaled to 15M+ users, which improved page speed by 24% after implementation
- Incorporated tools into internal systems to assist key stakeholders in track progress
- Defined and applied rules to incorporate billions of rows of data from third part data feeds directly into the product back-end

Allstate - Software Engineer

April 2012 - April 2015   New York, NY

- Built RESTful APIs that served data to the Javascript front-end based on dynamically chosen user inputs that handled 510,000+ concurrent users
- Built internal tool using NodeJS and Pupetter.js to automate QA and monitoring of customer-facing web app, which improved click-through rate by 5%
- Worked alongside 3 developers to implement APIs that enabled the internal analytics team to increase reporting speed by 28%
- Led the migration of a web app with a reach of 35,000 monthly users to a Node back-end, improving the application speed by 17%

EDUCATION

Rutgers University - B.S., Computer Science

September 2008 - April 2012   New Brunswick, NJ

SKILLS

JavaScript (React, Node); A/B Testing & Experimentation; SQL; Google Analytics; Excel/ Google Sheets; Agile Development