Kevin Wilde

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EXPERIENCE

Course Hero, Redwood City, CA

Staff Software Engineer, Aug 2020 - Present

Senior Software Engineer, Aug 2019 - Aug 2020

Software Engineer II, Aug 2018 - Aug 2019

Software Engineer I, Jan 2018 - Aug 2018

- Highly-skilled engineer making significant contributions on both the product roadmap and the engineering infrastructure roadmap
- Lead engineer and owner of our textbook problems product
- Developed and owned a React component library for the Course Hero design system, including writing reusable components, creating documentation with Storybook and Playroom, and supporting the library as feature requests were submitted
- Changed our frontend architecture to support code-splitting in React apps in order to improve performance by decreasing the size of the bundle downloaded on the initial page load
- Migrated our frontend build tooling to babel so that we could use react-refresh in order to improve the reliability of hot reloading and quicken the feedback loop during local development
- Modified the frontend build process in our monorepo to only rebuild those apps which have changed since the last time they were built
- Implemented differential serving — automatically serving modern JavaScript to modern browsers and ES5 JavaScript to legacy browsers — to improve web performance
- Launched our course study guides product which also included a full admin tool for content editors to preview and publish new content
- Implemented a strategy for incrementally transitioning frontend codebase to strict TypeScript settings in order to decrease bugs and increase developer velocity
- Involved in mentoring other engineers and providing technical frontend education across product teams
- Worked to improve the hiring process for frontend engineers as Course Hero transitioned from hiring full-stack to distinguishing between backend and frontend roles
- Technologies: ReactJS, TypeScript, Webpack, Babel, PHP, Golang, NodeJS, MySQL, AWS, Git, Docker, Kubernetes, Storybook, Jest, Cypress

Sprout Social, Chicago, IL
Software Engineering Intern, Jun 2017 - Sep 2017
- Back-end software engineering intern on Sprout Social's inbox team
- Developed a feature that allows customers to export their messages from the Smart Inbox to a CSV file. Service runs asynchronously in order to handle many customers making requests to export millions of messages
- Automated the collection of spam data within the Sprout app to assist the data science team in developing spam detection models
- Technologies: Python, Java, mySQL, Git

Ford Motor Company, Dearborn, MI
Application Development Intern, Jun 2016 - Sep 2016
- Implemented shortcuts on the home page of the Product Definition application to allow users to go directly to recently visited pages within the application
- Developed a feature that allows users to download a variety of Excel reports in order to analyze data from the Product Definition application offline

AMPY, Evanston, IL
Software Engineering Intern, Jan 2016 - Apr 2016

Coilcraft, Inc., Cary, IL
Software Engineering Intern, Jun 2015 - Sep 2015

EDUCATION
Northwestern University, Evanston, IL
Bachelor of Science in Computer Science, Sep 2014 - Dec 2017
Minor in Economics
GPA: 4.0
Teaching Assistant for
- EECS 110 - Introduction to Computer Programming for Non-Majors
- EECS 111 - Fundamentals of Computer Programming
- EECS 213 - Introduction to Computer Systems

SKILLS
TypeScript · ReactJS · JavaScript · Webpack · Babel · Redux · Golang · PHP · NodeJS · Python · Java · GraphQL · SQL · Functional Programming · Git