

# David Stilz

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## EDUCATION:

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University of Kentucky | BS Computer Science, Math minor | GPA: 3.58 | August 2016 - June 2020

## SKILLS AND COURSEWORK:

- **Skilled Languages:** C++, Java, JavaScript/TypeScript, HTML, CSS/SCSS, PHP, SQL, Python, C
- **Skilled Frameworks:** Angular 2+, Spring, Bootstrap, PrimeNG
- **Coursework:** Programming Design, Software Engineering Techniques, Systems Programming, Algorithm Design, Intro to AI, Computer Organization, Numerical Methods, Matrix Algebra, Differential Equations
- **Soft Skills:** Teamwork, Critical Thinking, Adaptability, Leadership

## WORK EXPERIENCE:

### Lexmark

*Software Engineer Intern* | September 2019 – Present | Lexington, KY

- Built an ASP.NET web application to improve work productivity for label designers in the packaging department
- Connected a RESTful API to the web application to retrieve and organize data that the label designers had to do manually beforehand
- Implemented a form table for inputs that would output a CSV file to the server to be used for label artwork generation
- Introduced prototypes and wireframes to stakeholders to ensure the proposed design and functionality adhered to stakeholder needs

### JPMorgan Chase & Co.

*Software Engineer Intern* | June 2019 – August 2019 | Columbus, OH

- Built a web application with APIs built in Spring Boot to communicate to front end CRUD tables built in Angular 2+
  - Note: CRUD tables were a way to easily view, manipulate, add, and delete data used internally at the company
- Worked on an Agile team utilizing Git to deliver features and move new features to production in biweekly increments
- Worked with Karma to make typescript unit tests to ensure code worked properly and ensure code coverage of at least 85%
- Worked with PrimeNG and Bootstrap for an easy way to work with visually appealing Angular UI components
- Communicated effectively with senior developers and stakeholders to deliver robust features

### University of Kentucky

*Undergraduate Teaching Assistant* | January 2019 – May 2019 | Lexington, KY

- Responsible for having an expert understanding of C++ fundamentals including syntax, file I/O, pointers, references, functions, classes, string manipulation, logic, and others
- Assisted students during two lab sessions per week with around 25 students per lab
- Hosted office hours every week for students who needed assistance with projects, labs, or other course content

### Raising Canes

*Shift Manager & Crewmember* | February 2016 – January 2018 | Lexington, KY

- Managed shifts with revenue averaging \$500/hour and 10 total employees scheduled per shift
- Looked after and minimized the operational cost of the store
- Responded and effectively resolved customer complaints in a timely manner
- Worked as a crewmember for a year until being promoted to a shift manager after good work evaluations

## PERSONAL PROJECT:

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**Personal Website** | <https://www.dstilz.com>

*Languages:* HTML/CSS, PHP, MySQL

- Created a personal site built on a LAMP stack and custom CSS framework
- Built a functional forum page with voting and view count features
- Constructed a registration and login page using password encryption