

Charles Young

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Profile

Software Engineer with experience in prototyping, structuring, developing, and optimizing high-performance web experiences. Work experience in frontend web development with school experience in database systems and full stack development. Currently a senior in Computer Science and seeking an internship for summer of 2021.

Education

Bachelor's Degree in Computer Science | University of Illinois at Springfield

- GPA: 3.95
- Fall 2019 – Spring 2021

Bachelor's Degree in Software Engineering | Iowa State University

- GPA: 3.25
- Fall 2017 – Spring 2019

Skills

- Fluent in HTML, SCSS/SASS/CSS, and JavaScript
- Proficient in React, React Native, Node.js, Java, C/C++, and SQL
- Acute understanding of responsive design, search engine optimization, and website performance and speed optimization
- Experienced with version control systems such as Git and build tools such as Webpack and Grunt
- Design mockup tools including Illustrator, Photoshop, Sketch, and Figma
- Proficient in Linux, macOS, Windows, iOS, and Android environments
- Experience with Raspberry Pi, Arduino, and Digispark development boards

Experience and Leadership

Teaching Assistant – Computer Engineering 185 (C)

- Worked as a TA as a Freshman and Sophomore for 10 hours a week in addition to 16 hours of credits.
- Worked with 90 students in labs and office hours to help them with programming problems in C.
- Graded labs, homework, quizzes, and major exams throughout the year.

Market Builders Inc. – Contract Worker (Parcel, HTML, CSS, JS, Figma, GSuite)

- Created a new brand design including a modern logo, website, and documents in addition to designing, creating, and managing the Market Builders Inc. website and related information.
- Set up a G-Suite account for all employees and migrated data from the last provider.
- Provide technical support for G-Suite to the CEO in addition to working with employees to setup and manage their work devices.

Vail Systems – Summer Intern (React, Rails, Go, Kubernetes, Docker, Travis CI, Figma, Jira)

- Our team created an application to allow both engineers and customers to create email and SMS notifications from their application metrics. During the internship, I was responsible with creating the React UI, connecting the UI to the backend Rails API, and integrating the UI/UX team's design to create a contemporary platform for managing application alerts.

CYoung.design - Freelance Web Developer (Parcel, React, Vue.js)

- Launched 4 high-performance web experiences for businesses nationwide.
- Used the latest web technologies to achieve over 90/100 on Google Page Speed Index.
- Projects managed with Cloudflare for optimal security and speed.
- Built component-based code for easy readability and scalability.
- Handcrafted website mockups for clients to provide them a pixel-perfect product visualization.
- Engaged clients in one-on-one reviews to ensure all expectations were not only met but exceeded.

Food at First - Volunteer

- Helped organize the gleaned food, helped to distribute the food, then cleaned and tidied up after the market giveaway. In the kitchen, I helped prepare meals and served and cleaned up after the meals.