

Shaurya Kethireddy

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EDUCATION

University of Wisconsin – Madison – Madison, WI

September 2018 – PRESENT (Expected December 2021)

Bachelor of Science in Computer Sciences

Minors in Mathematics, Entrepreneurship

SKILLS

- Languages: **Java, HTML, SQL, C, JavaScript, Python, CSS, Spring MVC**
 - Technologies: Jenkins, Jira, Bitbucket, GitHub, Gradle, Slack, Apache Tomcat, JFrog, SoapUI
 - Working knowledge of **ThinkOrSwim, Robinhood**, and **Fidelity** trading platforms
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EXPERIENCE

Sentry Insurance, Madison, WI – *Software Developer Co-Op (Full Stack)*

May 2019 – PRESENT

- Fixed critical front-end and back-end defects throughout various web apps to improve runtime, system experience, and UI features in a fast-paced environment to ensure user satisfaction
- Converted the first web application in the organization from Struts to Spring MVC and created a standard for which other people use as a basis
- Transitioned to full stack development and worked on creating an application from scratch which is being used to access essential data about states and premium information quicker
- Completed project and defect developments following the Agile methodology by participating in daily stand-ups and iteration meetings in order to complete work in an effective manner

Self Employed, Madison, WI – *Stock/Options Trader*

June 2017 – October 2020

- Visualize stock charts and figure out trends to come up with weekly/monthly plans with specific limits
- Tail-hedged through the COVID-19 market crash while using news as my main factor for decisions
- Primarily trading options while managing Roth-IRA with returns above 430%
- Analyze quarterly financial documents/statements as well as figure out overall sentiment on FinTwit

Kumon, Madison, WI – *Math and Reading Tutor*

January 2016 – October 2018

- Focused on teaching students in high school advanced math such as Calculus AB and BC
 - Graded math and reading benchmark tests while also giving efficient, constructive feedback
 - Led the group of tutors in monthly meetings in order to prioritize what to teach and how to do it
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EXTRACURRICULARS

Wisconsin Track Club, Madison, WI – *Sprinter*

September 2019 – PRESENT

- Travelled to events and participated in the 200-meter sprint, 400-meter sprint, and 1600-meter relay
- Led the section of 200/400-meter sprinters during warmups and practice

JPMorgan Chase, Online – *Virtual Experience Program Participant*

- Software Engineering – Implemented a localhost interface which displays data visually using JPMC frameworks
 - Commercial Banking – Prepared capitalization table, 10Y financial model forecast, presentations, and other data
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NOTABLE PROJECTS

- Created a full-stack application for Sentry to get data by integrating data from Excel files into a SQL Database and creating an API to call data and filter by user preference which would be shown on a specific page
 - Used Spring MVC framework to build the app. Utilized technologies such as Java, vanilla JavaScript with jQuery, HTML, XML, Hibernate framework for SQL Server connection
 - Dealt with all phases of software engineering, including meetings with the business team, requirement engineering, design/UI features, coding, testing, and deploying to various environments
 - Developed a local java-based application which parses through csv of financial data and filters by user's choice
 - Participated in peer programming using GitHub to maintain synchronization of files
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RELATED COURSEWORK

Operating Systems, Algorithms, Combinatorics, Calculus I and II, Linear Algebra, Discrete Math, Cryptography, Database Management Systems, Machine Organization, Business and Marketing, Risk Management