Anthony Hicks III

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Technologies

Cassandra   Dynatrace   Git   Hadoop   Java   Linux   Python   Racket   Scala   Spark   Splunk

Experience

Software Engineer at Google LLC   07/2022 - Present

Vice President - Software Engineering at JPMorgan Chase & Co.   02/2021 - 07/2022

- Mentor and help guide junior developers and new hires on the team.

- Responsible for debugging production issues as they arise and use tools such as Dynatrace and Splunk for assistance.

- Responsible for integrating other APIs within our API to deliver more data to our customers as well as maintaining our average response time below 250 milliseconds.

- Help with gathering requirements and prioritization to ensure we meet the expectations of our clients.

- Help with architecting and coding the various applications that the platform supports, using various technologies including, Java, Python, Scala, Pivotal Cloud Foundry, Spark, and Hadoop.

- Help with DEI recruitment and retention events.

Senior Associate - Software Engineer at JPMorgan Chase & Co.   02/2020 - 02/2021

- Was part of a select group of people within the firm to work on the SBA PPP Loans project, the project helped automate the process of getting government loans to small businesses for support during the Covid-19 pandemic, we helped get more than $30 billion in loans processed.

- Lead the development of multiple Scala based Spark jobs that do analytics and create KPI reports from our primary application.

- Helped improve the scalability of our application as the number of customers grew over 55 million.

- Helped create solutions that maintained our applications average response time at 250 milliseconds, as we surpassed more than 425 transactions per second.

- Helped with software engineering recruitment efforts for the firm, as well as, helped plan and run DEI efforts.

- Selected as one of about 30 participants for a weeklong professional program to better understand how to grow as leader.

Associate - Software Engineer at JPMorgan Chase & Co.   10/2017 - 02/2020

- Helped build a Java Spring Boot application from scratch that aggregates data from multiple internal sources to give customers financial insight into their spending and investing habits.

- Helped scale the application to grow from supporting hundreds of customers to millions of customers.

- Created the proof of concept that was used as the basis to move the application into a cloud environment.

- Helped create a CI/CD pipeline for the application, which reduced our deployment time to production from a few hours to approximately 30 minutes.

- Created the first CI/CD pipeline for Spark Jobs within our division in the firm, this was used as the basis for all CI/CD Spark Job pipelines within our division.

- Taught multiple self-defense classes for internal employees.

Software Engineering Intern at HERE Technologies   05/2017 - 08/2017

- Created Scala applications, using the IntelliJ IDE and Gradle as the build tool, that creates statistics from a large dataset and give those statistics to a service to be used by other users. The application retrieves its data from multiple AWS S3 buckets and delivers the data through an API given by the service it uses. Git is used as the version control tool.

- Worked in an agile environment, help plan sprints and create user stories, and participate in daily scrum sessions.

- Launched and taught a 6 course self-defense class for HERE employees.

Expert for CodeMentor.io   01/2017 - Present
- Online mentor for those who need help with various coding problems and assignments.

Software Engineering Intern at HERE Technologies   05/2016 - 08/2016
- Created a Scala application, using the IntelliJ IDE and SBT as the build tool, that randomly added attributes to Google Protocol Buffers. and populated them with values, allowed users to test the robustness of their applications to non-breaking changes.Used Git for version control.
- The application pulled its data from an AWS S3 bucket and send data back into the bucket.
- Worked in an agile environment, helped plan sprints and created user stories, and participated in daily scrum sessions.

IT Intern at Marathon Petroleum Corporation   05/2015 - 08/2015
- Built an ASP.NET MVC C# application that allows users to edit the configuration of applications installed on remote servers.
- Debugged others' ASP.NET applications.

Teacher Assistant for IIT Computer Science Department   08/2013 - 12/2016
- Helped teach the introductory Object-Oriented courses along with the Computer Organization and Assembly Language course, graded papers, and provided one-on-one tutoring for students.

Education

Illinois Institute of Technology	Computer Science	August 2017
Master's of Science and Bachelor's of Science		
Applied Mathematics Minor		

Cornell University	September 2019
Mahcine Learning Certificate	

Study Abroad

East China Normal University	Summer 2014

Languages

Chinese (Mandarin) - Limited Working Proficiency