Yaeji Shin

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EXPERIENCE

Software Engineer - PayPal   **June 2021 - Current**
- Designed and implemented a new REST API using Java and Spring Boot, that significantly improved consistency, speed, and reliability of capturing credit card transactions.
- Successfully deployed code to production and ensured its smooth operation through custom Splunk monitoring dashboards and thorough verification of individual API calls.
- Improved the scalability and stability of credit card services by refactoring and eliminating 50% of redundant code, and decreased test execution time tenfold by mocking external dependencies.
- Facilitated monthly knowledge transfer sessions to bring new hires up to speed on end-to-end applications interactions.

Software Developer Intern - Neotag   **January 2021 - June 2021**
- Developed a dashboard in VueJS that retrieves information from an ExpressJS REST API.
- Integrated error handling and input validation throughout the web application to enhance accuracy and stability.

Research Assistant - University of Maryland   **March 2021 - June 2021**
- Assessed the performance of the current web scraper and rewrote the Python script to achieve a 67x improvement in performance.

PROJECTS

PayPal Credit Hackathon (Team Lead)   **July 2022**
- Designed and implemented a backend system that facilitates earning and redeeming reward points.

PayPal Credit Hackathon (2nd place in division)   **July 2021**
- Developed React components to streamline modifying and resubmitting credit card applications.

VOLUNTEER ACTIVITIES

Web Developer - PayPal Idealab   **November 2021 - February 2023**
- Onboarded new developers by conducting knowledge transfer sessions and assigned stories to ensure successful integration into the team.
- Developed and integrated a frontpage banner with a submission status bar using HTML and CSS.
- Implemented front-end search functionality and facilitated the display of search results.

Teaching Assistant - Girls Who Code   **Spring 2020**
- Instructed and mentored middle school students to foster their interest and understanding of programming.

Peer Mentor - Maryland Center for Women in Computing   **Fall 2019, Spring 2020**
- Mentored freshmen CS students on a monthly basis and helped facilitate workshops

EDUCATION

University of Maryland   **Class of 2021**
B.S. in Computer Science & Minor in Music Performance (GPA 3.53)

SKILLS

- Languages: Java, Python, JavaScript, Oracle SQL, PostgreSQL
- Frameworks: Spring, Maven, Mockito, JUnit, Node
- Tools & Concepts: Jenkins, CI/CD, Git, Splunk, Kibana, Jira, Agile, Scrum