

Emad Aleksandar Haskett

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EXPERIENCE

J.P. Morgan Chase & Co. Software Engineer I

Wilmington, DE, USA
August 2024 - Present

- Spearheaded modernization push for JPMC Auto technologies, coordinated multiple upstream and downstream teams to deliver maintainable, resource-efficient, and scalable solutions handling at least 15,000 credit applications a day.
- Partner directly with clients to understand and guide their expectations, then translate them into custom-tailored applications or solutions, fostering continued partnership with the company.
- Maintain legacy enterprise applications, preventing outages and downtime, resolving and preempting any production issues, and implementing current security standards.

J.P. Morgan Chase & Co. Software Engineer Summer Intern

Wilmington, DE, USA
June 2023 - August 2023

- Collaborated within fast-moving agile teams and contributed to iterative development and CI/CD processes.
- Assisted in the development of enterprise-grade systems within regulated financial infrastructure, and worked closely with my team in enhancing application performance and stability.
- Investigated and created a proof-of-concept for my team, utilizing frameworks and tools such as Apache Flink, Cassandra, and AWS EKS, presenting my findings and determinations.

George Washington University Student Learning Assistant

Washington, DC, USA
September 2023 - May 2024

- Led weekly sessions expanding and clarifying lessons taught by professors and held one-on-one and communal tutoring sessions, reinforcing key course concepts and improving overall comprehension.
- Created lesson and lab plans designed to supplement and expand learning from class and foster critical thinking, teamwork, and showcase practical use cases for various concepts.
- Resolved various technical blockers as they arose, both with software and hardware that students were designing, facilitating their work while maintaining safety in the lab.

George Washington University Research Assistant

Washington, DC, USA
July 2022 - January 2023

- Investigated high-efficiency vector-matrix multiplication using ReRam (memristor) architectures with applications in low-power AI hardware.
- Developed and optimized neural networks using PyTorch and TensorFlow, tuning hyperparameters to improve performance across multiple metrics.
- Analyzed model behavior using Mathematica to visualize accuracy, loss, and training dynamics; presented results to faculty and external stakeholders.

ADDITIONAL SKILLS (Beginner, Intermediate, Professional)

Programming Languages: C(I) | JAVA(P) | JavaScript(I) | Python3(I) | HTML5(I) | C++(B) | Kotlin (I) | React (B) | Verilog (I)

Technical: Apache Kafka(I), CI/CD(I), AWS Software and Cloud(P), Spring(P), Terraform(P), MATLAB(B), Mathematica (B)

Languages: English(Native), German(A2), Arabic(A1), Spanish(A1)

EDUCATION

George Washington University - Bachelor's Degree
Major in Computer Engineering | Minor in Computer Science

Washington, DC, USA
Sep 2020 - May 2024