Christopher D. Lasher

STAFF SOFTWARE ENGINEER Sharon, PA, USA

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Summary

Product-minded software engineer, delivering better software solutions with a spirit of collaboration and a focus on outcomes.

Experience

HONOR   San Francisco, CA (Remote)
Staff Software Engineer   March 2022 – November 2023

· Re-architected and rewrote new-hire matchmaking system to an event-driven architecture, cutting wait time from 1 day to under 2 minutes. Amazon SNS, SQS, Python on EKS (Kubernetes).
· Designed, implemented, and integrated a new API to expose automated matchmaking outcomes in new UI. Reduced time to staff from 4 hours to under 30 minutes, saved 10+ engineer hours weekly. Apache Thrift RPC API, Flask, Python, React.
· Introduced Continuous Discovery, catalyzing closer partnerships between product, design, data science, and engineering.

ODEN TECHNOLOGIES   New York, NY (Remote)
Senior Software Engineer   November 2020 – October 2021

· Reduced cloud spending costs by 25% by refactoring data streaming. Java, Apache Beam, Google Cloud Platform, Dataflow.
· Increased observability of production systems, cutting mean time to resolution of issues from 1 day to 1 hour. Go, GraphQL, Google Kubernetes Engine, Python, Google Cloud Functions, Honeycomb.
· Shipped anomaly detection and investigation of manufacturing line time series. Increased same-week user engagement by 20%. Python, Go, GraphQL, React UI, Google Cloud SQL, Heroic time series DB.
· Introduced mob programming, reducing pull request (PR) wait time from 4+ days to 4 hours, and eliminating 50% of PRs.

INVITAE CORPORATION   San Francisco, CA (Remote)
Senior Software Engineer   July 2019 – August 2020

· Rescued the release of a $75M USD investment in a genetic testing product. Python, Django, Postgres, AWS.

HI DIGITAL SOLUTIONS   Omaha, NE (Remote)
Technical Lead   August 2017 – July 2019

· Decreased defect rates by 8X in BI software by fostering mob programming as a practice. Python, .NET Core (C#), Azure Cloud Functions, Cosmos DB, Postgres.

5AM SOLUTIONS, INC.   Rockville, MD (Remote)
Software Engineer & Bioinformatics Analyst   September 2012 – August 2017

· Satisfied major biotech client, resulting in $10+M in contracts. Java, Perl, Python, Django, Oracle DB, TDD, CI, AWS.
· Led adoption of automated testing, TDD, configuration automation, and continuous integration. Decreased rollbacks by 90% while increasing deployment frequency from every 2 months to every 2 weeks.

Skills

Programming Languages	Python, Go, TypeScript/JavaScript (React), C# (.NET Core)
Databases	PostgreSQL, MySQL, SQL Server, OracleDB
Infrastructure/Ops	AWS, Google Cloud, Kubernetes, Docker, Honeycomb, Datadog
Practices	Continuous Discovery, Mob Programming, Lean, ToC, DDD, TDD

Education

Ph.D., Genetics, Bioinformatics, and Computational Biology	VIRGINIA TECH	Blacksburg, VA
B.S., Biology	UNIVERSITY OF GEORGIA	Athens, GA