

Christopher D. Lasher

SOFTWARE DEVELOPER

Solana Beach, CA, USA

☎ (+1) 540-466-4007

✉ chris.lasher@gmail.com

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Summary

Chris has served as a member of multidisciplinary, cross-functional teams throughout his career, gaining the knowledge and skills to help bridge gaps: from lab bench to computational pipeline, from customer to code, from insight to product. Chris has lead, taught, and learned from teams around the globe not only how to deliver better software solutions, but also how to deliver software solutions better.

Skills

Principles	Lean, Agile, XP (incl. TDD and pair-programming/mobbing), CI/CD
Programming Languages	Python, JavaScript, Go, C#, Perl, SQL, Ruby, Bash, HTML5, SCSS, CSS3
Databases	SQL Server, OracleDB, PostgreSQL, MySQL
Ops	Azure, AWS, Docker, Salt, Ansible, Vagrant, Grafana
Additional Tools	Git, GitHub, Jenkins CI, Travis CI, JIRA, Trello

Experience

Proactive Digital Insights

Remote

SOFTWARE ENGINEER & TECHNICAL LEAD

September 2017 – present

Producing software systems and coaching teams for Home Instead Senior Care.

- Helped lead continuous delivery of cleanly designed cloud-based business intelligence software.
- Championed Lean and Agile practices and value-based decision making.

5AM Solutions, Inc.

Rockville, MD & Remote

SOFTWARE ENGINEER & BIOINFORMATICS ANALYST

September 2012 – August 2017

Constructing robust computational pipelines, validation software, and user interfaces following Agile methodologies.

- Lead requirements refinement and technical design.
- Lead adoption of automated testing, TDD, configuration automation, and continuous integration.
- Developed scalable, cloud-based back-end applications for sequencing assay design.
- Developed single-page application web UIs for biological data.

National Institutes of Health (NCBI)

Bethesda, MD

IRTA POSTDOCTORAL FELLOW

January 2012 – August 2012

Constructed pipelines for discovering architectures of regulatory elements through the integration of sequence and epigenetic data.

Virginia Tech (GBCB Program)

Blacksburg, VA

GRADUATE RESEARCH ASSISTANT

August 2006 – September 2011

Produced novel methods to describe systems-level perturbations in gene expression.

University of Georgia (SIMO)

Athens, GA

RESEARCH TECHNICIAN

August 2003 – July 2006

Performed field sampling, DNA extraction, and bioinformatic analysis for the Sapelo Island Microbial Observatory.

University of Georgia (Pratt Laboratory)

Athens, GA

UNDERGRADUATE STUDENT RESEARCHER

June 2002 – May 2003

Performed DNA extraction, sequencing, and bioinformatics analyses for the sorghum ESTs project.

Education

Virginia Tech

Blacksburg, VA

PH.D., GENETICS, BIOINFORMATICS, AND COMPUTATIONAL BIOLOGY

August 2006 – September 2011

University of Georgia

Athens, GA

B.S., BIOLOGY

August 1999 – May 2003