

# Christian Lim

christianlim.me (wip!)

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## EXPERIENCE

### Associate Software Engineer, Capital One — McLean, VA

August 2019 - PRESENT

- Developed distributed applications in support of Capital One's mission in securing our entire data lake, processing amounts of up to 1 petabyte of data per day.
- Created caching solution to support operations hitting speeds of 1000 TPS.
- Developed in Java Spring/React.js. Deployed on AWS via Terraform/Ansible/ Jenkins pipeline.

### R&D Engineer, PSU Applied Research Lab — State College, PA

September 2018 - August 2019

- Developed cataloging and scheduling applications for naval construction yards with Java Spring and Angular v6/7.
- Obtained nonsensitive security clearance.

### Lead Developer, THON — University Park, PA

April 2018 - March 2019

- Led a team of three developers and acted as project manager.
- Architected quizzing platform used by 50,000 users, focusing on minimizing database usage via caching.

### SWE Intern, Dick's Sporting Goods — Pittsburgh, PA

May 2018 - August 2019

- Tokenized checkout experience to enable translation switching at runtime, enabling a single, unified UI for DSG, Field & Stream, and Golf Galaxy.

### Software Developer, THON — University Park, PA

April 2017 - March 2018

- Developed an automatic infractions system that regulated entry/exit behaviors of thousands of spectators. Eased communication of regulation enforcement.
- Developed a timeline scheduling application for volunteers that allowed security teams to determine building access.

## Technologies

### Languages:

Java Spring, Python, Django, React.js, Angular, HTML, CSS

### Cloud:

AWS - EC2, S3, Lambda, SQS, SNS, RDS, IAM, Cloudformation, Cloudwatch

### Misc:

Jenkins, Terraform, Ansible, Docker, Hadoop, Postgres, Linux

### Mildly experienced with:

Kafka, Spark, C++, C, DynamoDB, Snowflake

## Skills

Certification: AWS Solutions Architect (exp. 2023)

Distributed applications, Restful API development, Scaling, DRY standards, Asynchronous programming

## Education

Pennsylvania State University

2015 - 2019

Bachelor of Science in Computer Engineering

GPA: 3.38/4.00