

Victor Lee

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CERTIFICATE

[AWS Certified Solutions Architect - Associate, Amazon Web Services, 2019](#)

WORK EXPERIENCES

Associate Software Engineer, Hornblower Cruises & Events Aug. 2019 — Present

- Delivered innovative feature that allows users to book directly through Google Search and Google Maps
- Designed and developed Real Time Update Availability System for Google Partner
- Designed and built Feed Generator System by SQS, Lambda, and S3
- Integrated with CityPass, Redeem to support scan their ticket seamlessly with our mobile app
- Increased income by cross-sell to our guests by Integration with Viator API
- Implemented cron task to synchronize DynamoDB and Third Party API
- Delivered innovative feature that allows users to book TripAdvisor on Hornblower experiences
- Implemented Serverless, Terraform to deployed and maintained AWS infrastructure on our system

Software Engineer Intern, TAP Series Feb. — May 2018

- Improved security for user login system by 2-factor authorization
- Enhanced over 20x read performance by redesign SQL Schema
- Built and maintained online course by using ASP.NET, SQL Server

Graduate Research Assistant, National Taiwan University Sep. 2012 — June 2014

- Reduced time of near-field optics simulation by memoization
- Researched CPML Absorbing Boundary Condition on different shape
- Maintained and ran simulation program on Linux clusters

OPEN-SOURCE CONTRIBUTION

[item2-website](#) Nov. 2017

- Extended imgcat to support online images preview
- Improved performance by streaming image data

EDUCATION

California Lutheran University, Thousand Oaks, CA (GPA: 3.94/4.0) May 2019

Master of Science in Information Technology

National Taiwan University, Taipei, Taiwan June 2014

Master of Science in Photonics and Optoelectronics

National Sun Yat-sen University, Kaohsiung, Taiwan June 2012

Bachelor of Science in Photonics and Optoelectronics

TECHNICAL SKILLS

Programming Language: JavaScript, Python, Java

Skill Set: AWS, Serverless, Terraform, SQS, Dynamodb, S3, Lambda, Node.js, GraphQL, REST API, Flask, ASP.NET, SQL Server