

Email:
cheongwillie@gmail.com

WILLIE CHEONG
University of Waterloo
B.A.Sc. Class of 2015

Website:
williecheong.com

SKILLS SUMMARY

- Attention to detail with a habit for writing clean, readable and testable code
- Experience with building distributed systems for scalability and fast response times
- Technical Experience: Python, Java, PostgreSQL, Elasticsearch, RabbitMQ, Kafka, Flask, ReactJS, AngularJS, Bootstrap, Git, Docker, AWS, NewRelic

WORK EXPERIENCE

Software Engineer

KnockRentals CRM, Seattle, WA

Aug/2017 – Present

- Followed and contributed to company as tech team grew from 4 engineers to 17, from monolith application to a distributed stack, from chaotic firefighting to a stable and monitored environment, and customer base from \$700K to over \$5M
- Proposed, designed and implemented a Change-Data-Capture pipeline to allow for improved isolation of systems, efficient data distribution across tech teams, and to support the development of a novel customer-facing marketing attribution product
- Designed and developed a plug-and-play web widget chat bot that continues to be marketed and deployed into customer accounts since its initial launch in 2017
- Worked with: Python, Elasticsearch, PostgreSQL, RabbitMQ, Kafka, Debezium, NewRelic, AWS EC2, ECS, RDS, SQS, API-Gateway, Lambda

Software Engineer – Fulfillment Management Systems

Zulily Inc., Seattle, WA

Mar/2016 – Aug/2017

- Designed and developed a scalable Database-as-a-Service platform with a senior engineer to create a unified source of inventory data utilized across multiple teams
- Delivered on a cross-team initiative that leveraged the above service to achieve up to approx. \$2.5MM in additional revenue for every holiday season after launch
- Worked with: Java, PHP, RabbitMQ, MySQL, Elasticsearch, Logstash

Software Engineering Intern – Fulfillment Management Systems

Zulily Inc., Seattle, WA

Aug/2014 – Dec/2014

- Designed and developed a solution that enables very fast retrievals of big data aggregates through the use of SQL triggers to perform data pre-processing

Release Management Intern

Mozilla Corporation, Mountain View, CA

Jan/2014 – Apr/2014

EDUCATION

Bachelor of Applied Science

University of Waterloo, Waterloo, ON

Sep/2010 – Apr/2015