SUSIE CHEN

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EDUCATION

University of British Columbia, Vancouver
Bachelor of Arts in Cognitive Systems 2019
Relevant coursework: Understanding and Designing Cognitive Systems, Advanced Algorithm Design and Analysis, Functional and Logical Programming, Relational Database; Financial Accounting, International Finance

EMPLOYMENT

Meta, Inc, *Solutions Engineer R&D*, Menlo Park, California   Jan. 2020 - Current
- Built full applications and features using Hack/PHP, ReactJS, MySQL that scales efficiently and touched billions of dollars in revenue
- Optimize ad performance and business value in metrics such as return on ads spend, cost per action, ad quality, etc
- Worked full stack and built end to end solutions, such as adding features and workflows into Facebook Ads Manager
- Worked closely with large advertiser clients and customer success managers to determine their pain points and built solutions for them

Amazon, *Software Developer Intern*   Sept. 2019 - Dec. 2019
- Worked on the AWS AutoScaling team on a solo project to monitor resources then trigger critical messages to users' Personal Health Dashboard.
- Designed and developed the infrastructure from scratch using CloudFormation, DynamoDB, Lambda, SNS Topic, and API Gateway.
- Coded the micro-services in Java, thoroughly tested the program, and deployed it into AWS Lambda.

SAP, *DevOps Intern*, Vancouver, Canada   Sept. 2018 - Apr. 2019
- Wrapped the entire infrastructure of application in Docker and orchestrated it with Kubernetes
- Coded and automated the pipeline with continuous delivery, Jenkins, and logging and analysis with Nagios and Splunk
- Migrate the cloud infrastructure to OpenStack and provisioned landscape with Terraform
- Designed and implemented security controls to ensure SOX compliance
- Developed Standard Operating Procedures (SOPs) for incident response handling

SKILLS

LANGUAGES: JavaScript, Hack/PHP, Python, Java, SQL, and Bash
FRAMEWORKS/TECHNOLOGIES: ReactJS, GraphQL,Docker, Kubernetes, Git, CI/CD, Selenium and Linux
FLUENT IN: English, Mandarin, and Cantonese

PROJECTS

bookish · Mar. 2021 - Current
- Built a web application to increase quality and discoverability of information on the internet by building a crowdsourcing of writing platform, directly integrating with google docs
- Led a team of 5 on project and completed everything including product, design, recruiting, customer discovery, project management, and engineering
- Technical stack: ReactJS frontend, NodeJS backend, Postgres database

Kaleid - ODF Hackathon · Oct. 2021 - Nov. 2021
- Built a web application to help artists with their end to end management of their NFT drops
- Technical stack: ReactJS frontend, Solidity smart contracts

AWARDS

Publication in Bioinformatics, Volume 35, Issue 21, *ORCA: a comprehensive bioinformatics container environment for education and research*   Nov. 2019