

Edward Chen

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SKILLS

Languages: Java, Python, Typescript, Javascript, C++, SQL

Technologies: React, AWS, NodeJS, Git

WORK EXPERIENCE

Amazon Web Services

Professional Services Consultant Intern

June - Sep 2022

Toronto, Canada

- Built a secure Data Lake solution that contains a serverless ETL Pipeline, data warehouse and data visualization dashboard using AWS Glue, Redshift, S3, KMS and QuickSight. The solution can easily be deployed into another AWS account using AWS Cloudformation
- Developed technical consulting experience through training and mock customer meetings
- Successfully obtained AWS Developer Associate Certificate (DVA-C01)

UBC Cloud Innovation Centre, powered by Amazon Web Service (AWS)

Full stack developer intern

Jan – Sep 2021

Vancouver, Canada

- Co-developed [Student Connect App](#), React web application that used AWS services (OpenSearch, DynamoDB, Cognito, Amplify) to provide data aggregation and recommendation platform for students
 - Developed [Amazon Location Service Demo](#), React web application that showcases all the features for Location Service, can easily be deployed and hosted into multiple AWS accounts using AWS CloudFormation and AWS Amplify
 - Lead an Introduction to AWS RoboMaker Webinar, taught participants how to launch and visualize Robot simulation on AWS
- [Open source Github Repositories for the above projects](#)

CERTIFICATIONS

AWS Certified Developer Associate

Achieved Sep 2022

AWS Certified Solutions Architect Associate

Achieved Sep 2021

TECHNICAL PROJECTS

Basketball DataBase (Java app)

- Built a database to store all attributes a basketball league would include (games, players, stats etc)
- Used Java Swing to display query results; Java and SQL Queries for backend

COVID-19 data dashboard (iOS app)

- Displays real-time coronavirus data for all countries based on John Hopkin University's data
- Used Charts and SwiftyJSON to display and parse data

EDUCATION

The University of British Columbia

Bachelor of Science, Computer Science

May 2023

Community projects

Undergrad Research Opportunities program, UBC

Oct 2020 - Apr 2021

Student researcher

- Worked with a team of undergraduate students to train a [neural network](#) that identifies eye corners based on facial images