

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

Expected Grad: 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