

# Krystian Wojcicki

<https://kwojcicki.github.io/>

## EXPERIENCE

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- **Amazon** Toronto, ON  
*Software Engineer II* *July 2022 - Present*
    - Expanded Amazon's employee recognition program to 400,000 corporate employees and 50,000 European associates
    - Designed and implemented a birthday and anniversary reminder service
    - Contributed to the self-service on-boarding experience for an internal survey's platform, helping thousands of Amazonians to self service their survey needs
    - Assisted in the addition of email as a survey distribution channel, which has distributed hundreds of thousands of surveys with a 20% survey completion rate
    - Migrated the amazon-dax-client from aws-sdk-v2 to aws-sdk-v3, reducing bundle and deploy time company wide.

**Used:** *Typescript, Java, AWS*
  - **Microsoft** Redmond, WA  
*Software Engineer* *Jun 2021 - July 2022*
    - Lead the team's resilience effort, increasing reliability over 10%, primarily via a switch from CosmosDB ChangeFeed to Service Bus
    - Developed features necessary for an organization wide SOX compliance push

**Used:** *C-Sharp, React, Kubernetes, Azure*
  - **Amazon** Winnipeg, MB  
*Student Software Engineer* *Sep 2019 - Dec 2019, Jan 2021 - March 2021*
    - Created a set of C++ tools around AWS Thinkbox Krakatoa to reduce the artist's cost up to 20%
    - Implemented multipart and deep pixel reading and writing for AWS Thinkbox Draft

**Used:** *C++, Python, Bash, Anaconda*
  - **Scotiabank** Toronto, ON  
*Student Software Engineer* *May 2019 - Aug 2019*
    - Created a PoC around OpenFaaS to develop the department's direction with respect to Serverless Functions
    - Migrated an old C++ service to Java Spring with an Angular Frontend. Setup a Jenkins based CI/CD pipeline with fully automated testing utilizing Selenium and JUnit

**Used:** *Java, Docker, Kubernetes, OpenFaaS*
  - **Nokia** Ottawa, On  
*Student Software Designer* *Jan 2019 - Apr 2019*
    - Assisted in the frontend and backend development of the team's device adapter code generator. In some cases automating 100% of the device adapter creation
    - Created a Java golden file testbed for the teams code generator
    - Created a regression framework utilizing Selenium/Javascript to fully automate the testing of the frontend

**Used:** *Java, ReactJS, Javascript, Karaf, Docker, Selenium, gRPC*
  - **Rockport Networks** Ottawa, On  
*Student Microservice Backend Developer* *May 2017 - Aug 2018*
    - Designed and implemented a full log management and troubleshooting solution using the ELKB stack
    - Created an authentication service used to authorize users against a customer provided Active Directory server

**Used:** *Go, Openshift, Kubernetes, Elasticsearch, Kafka, Postgres, LDAP, REST*
  - **Authentik** Ottawa, On  
*Student Software Developer* *Sept 2016 - Jan 2017*
    - Installed, setup, and deployed a XMPP server accompanied by a simple chat bot to Amazon EC2
    - Developed a PoC video chat website to test usability and functionality of several client side XMPP libraries

**Used:** *Java, Tomcat, Tigase XMPP Server, Amazon EC2, Smack*

## EDUCATION

### Carleton University

*Bachelor of Computer Science; GPA: 12.0/12.0*

Ottawa, ON

*Sept. 2015 - Dec. 2020*

## PROJECTS

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- **kwojcicki.github.io**: Technical blog with 50 average daily readers, topics range from Elasticsearch usage to Information Gain and Decision Trees