Krystian Wojcicki

https://kwojcicki.github.io/

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EXPERIENCE

- **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 "amaversary" 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 CICD 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*

- **Authentiky** — 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 — Ottawa, ON
Bachelor of Computer Science; GPA: 12.0/12.0 — *Sept. 2015 – Dec. 2020*

PROJECTS

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