

daniel kwon

systems design engineering @uwaterloo

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experience

Associate Solutions Engineer • Accedo.tv

September - December 2018

- Automated manual sales processes involving Trello, Salesforce, & Google Sheets using **JavaScript & REST APIs** to decrease task completion time by up to **90%**
- Created a data visualization using **Google Data Studio** to display statistics on past client engagements
- Bridged the gap between clients & the product team through the implementation of a product feature request process in **JIRA** which allowed client-facing teams to contribute to product roadmapping decisions

Lead Organizer • TEDxUW

March 2018 - Present

- Led a **25 person team** to plan and execute the University of Waterloo's 7th annual TEDx conference for **500 attendees**
- Managed and supported **6 sub-teams** by creating project timelines, training team members, and personally handling urgent tasks to enable each team to succeed

Systems Development Analyst • Barrick Gold

January - April 2018

- Developed & deployed **4 mobile apps** for **Oracle** processes using **Capriza & XPath** to optimize business procedures
- Enabled business employees to access database information by adding an automatic report generation feature to **Oracle** using **SQL, Excel, & Oracle Tools**

education

Systems Design Engineering • UWaterloo

September 2017 - April 2022

Courses:

Data Structures & Algorithms (C++), Digital Systems

skills

languages

C++, JavaScript, HTML/CSS, SQL, XPath, Python, Arduino

technologies

Git, JIRA, JSON, Selenium, Oracle, Capriza

projects

Buzz Wristband

- Built a vibrating wristband & companion mobile application prototype to monitor & address poor sleep habits using **Arduino, Axure RP, & SolidWorks**

Sound Looper

- Developed a prototype for a device that records multiple sound tracks & plays back a single track of them overlapped using **Arduino**

Gmail Invoice Sorter

- Created a program for Gmail that saves and sorts email attachments into Google Drive folders using **JavaScript**

Google Slides Template Customizer

- Leveraged **JavaScript** to automate the customization of a Google Slides template using rows of data in a Google Sheet

Web Scraper

- Used **Python** and **Selenium** to scrape data off websites and save as **JSON**

hobbies

Event Planning, Skiing (Certified Instructor), Photography