

daniel kwon

systems design engineering @ the university of waterloo

www.danielkwon.ca • daniel.kwon@uwaterloo.ca

experience

Associate Solutions Engineer • Accedo.tv

September - December 2018

- Automated manual sales processes involving Trello, Salesforce, & Google Sheets using **Google Apps Script** & **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**

hobbies

Event Planning, Skiing (Certified Instructor), Photography

skills

C++, Arduino, SQL, Google Apps Script, JavaScript, HTML, CSS, Python, Git, JSON, JIRA, Oracle

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 and plays back user inputs using **Arduino**

Gmail Invoice Sorter

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

Google Slides Template Customizer

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

Web Scraper

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

awards

Case Competition • 1st Place

- Presented the best case on a new product feature for a Waterloo startup