

Justin Chan

j948698106@gmail.com | (575) 551-0862 | Thornton, CO

Current college student studying Computer Science, with 1 year software development experience and skills in back-end and front-end development, is actively seeking new opportunities.

EDUCATION

University of Colorado Boulder

Aug 2019 – May 2023 (Expected)

- Bachelor of Art in Computer Science

Cumulative GPA: 3.864/4.0

TECHNICAL SKILLS

Programming Language: C/C++ • SQL • HTML • Python • VBA

Techniques: MySQL • Git • Microsoft Office • Azure DevOps • Enterprise Architect • Dialog Flow

WORK EXPERIENCE

Medtronic Software Intern, Reliability Team

June 2022 - Aug 2022

- Migrate our information from **Microsoft Azure DevOps** to **Excel** so we could utilize **Microsoft VBA** to customize the worksheet based on different team needs.
 - Using sleep API provided by Azure DevOps to extract information from the server, and insert them to the Excel worksheet using VBA.
 - Writing scripts in VBA to achieve automation of row creation, row insertion, row deletion based on keyword searching and keyword entries.
- Create hazard log templates by utilizing **Enterprise Architect** to simplify the hazard log entering procedure.
 - Design and implement different templates for each hazard listed by the FDA including the hazard level, hazard probability and hazard classification.
 - Using **Graph** data structure to link the different risks and hazards together to form a hazard log template.
 - Achieved the action of drag and drop to link every hazard log with its associated product of the company on **Enterprise Architect**, completely removed the use of manual entries on spreadsheets.

PROJECT EXPERIENCE

BuffConnect UI

Jan 2022 - May 2022

- Developed an UI for an app called BuffConnect inspired by another app WeChat to connect the students and professors in the University of Colorado Boulder.
- The UI allows the user to access all the features of the application, and it had applied the theories of good designs and feasibility.
- The UI was designed using **Figma**, a digital version of paper prototype was created, and was able to be modified easily.

Dream Detective

Aug 2020 - Dec 2020

- A voice-controlled computer game that is implemented using **Dialog Flow** by Google. This game allows the player to control the characters solely by speaking to the game.
- Used machine learning in **Dialog Flow** to train the chat-bot the ability to understand more action words. As a result, the chat-bot will understand action words not limited to what we have implemented. For example, it will understand the input “Start game” and also “Let’s go and play”.