SILVIA GEORGE

SYSTEMS DESIGN ENGINEERING

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DEVELOPMENT

Python
C++
Java
HTML/CSS
JavaScript
Arduino

TECHNOLOGIES

Git
Django
Ruby on Rails
Bootstrap
Linux

DESIGN TOOLS

SolidWorks
Axure RP
Figma
InVision
Adobe Creative Suite

RELEVANT COURSES

Data Structures & Algorithms
Digital Computation
Digital Systems
Human Factors in Design

INTERESTS

Illustration
Animation
Rock climbing
Video games

EXPERIENCE

UX/UI Developer | Royal Canadian Air Force (Flight Deck)
Jan 2020 - Apr 2020

- Improved experience for pilots on the go by redesigning the mobile view for a web app, allowing them to enter required information in **under 5 minutes**
- Aided the RCAF in its COVID-19 response by contributing to the design and development of SITREP in a 2-week period, **saving 30 hours per day** in labour
- Introduced **Django** as a viable full stack framework for the RCAF by developing an improved beacon-testing software for Search and Rescue Operations in just 4 weeks

UX Designer | BGRS
May 2019 - Aug 2019

- Identified key design requirements by investigating competitor products, making user flows, and participating in ideation processes
- Created wireframes and prototypes with **Axure** for new and updated features to provide design guidelines for development

Tools Support Specialist | OpenText
Jan 2018 - Apr 2018

- Resolved **over 80%** of daily support tickets by communicating with tools users, determining the cause of issues, and providing solutions
- Streamlined repetitive actions by executing REST API calls with **cURL** scripts
- Developed **bash** and batch scripts to automate tasks

PROJECTS

Arduino DDR | Digital systems project
Spring 2018

- Created a playable rhythm game with 2 Arduino UNOs, an LCD selection menu, and an LED game interface

WaToPlan | Group design project
Fall 2017

- Prototyped an app interface of a task-tracking notification system to obtain rapid feedback from group members and stakeholders
- Conducted user testing to validate design assumptions and to identify areas of improvement