

SILVIA GEORGE

SYSTEMS DESIGN ENGINEERING

LANGUAGES

Python
C++
JavaScript
Ruby
Java
PHP
HTML/CSS

TECHNOLOGIES

Git
Bootstrap
Laravel
Django
Ruby on Rails
Linux

DESIGN TOOLS


SolidWorks
Axure RP
Figma
Adobe Creative Suite

RELEVANT COURSES

Data Structures
& Algorithms
Digital Computation (C++)
Digital Systems
Human Factors in Design

INTERESTS

Illustration
Animation
Rock climbing
Video games

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EXPERIENCE

Full Stack Web Developer | Homecare Hub

Sep 2020 - Dec 2020

- Reduced workload for both employees and clients by implementing a posting board system with automated emails using **Laravel**
- Discovered, documented, and fixed bugs across the existing website and unreleased features

UX/UI Developer | Royal Canadian Air Force ([Flight Deck](#))

Jan 2020 - Apr 2020

- 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
- Improved experience for pilots on the go in redesigning the mobile view for a web app, allowing them to enter information in **under 5 minutes**

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 and developing **bash** and batch scripts

PROJECTS

Braincell Bot | Discord bot

Jan 2020

- Coded a **JavaScript** bot hosted with **Heroku** that interacts with users based on specific commands extracted from Discord server messages

Arduino DDR | Digital systems project

Jul 2018

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