

ROBERT CONRAD

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SOCIAL LINKS

Personal Website: <https://robertconrad.me/>

GitHub: <https://github.com/PirateRoberts98>

Linkedin: <https://www.linkedin.com/in/pirateroberts98/>

SKILLS

- C/C++
- Flutter/Dart
- Bash & Powershell
- Golang
- SQL
- C#
- JavaScript
- Python

EXPERIENCE

JUNE 2021

Software Engineer | Face4 Systems | Ottawa, ON

- Primary work on in C++, Javascript, C#.NET, Flutter, SQL and Powershell, Bash to develop API, dashboards and mobile applications to facilitate customer use of facial recognition and liveness detection for seamless travel, user enrollment and image quality verification. Work in Full Stack Development including deployment to local and cloud enviroment, UI and UX analysis and system testing and upkeep.
- Integrated third-party APIs, expanding functionality and user reach.

APRIL 2020-NOVEMBER 2020

Engineering Intern | Quantropi | Ottawa, ON

- Developed QA and CI pipelines for C++ and Python SDK build and deployment using CMake and xUnit frameworks and Atlassian Bamboo and git.

AUGUST 2019-NOVEMBER 2019

Software Developer, Coop | Ciena | Ottawa, ON

- Developed microservices in Go/Golang to consolidate and export logging and data across network managment software. Fixed Bugs in Cassandra NoSQL and Swagger API

DECEMBER 2018-MARCH 2019

Embedded Software Developer | Pleora Technology | Ottawa, ON

- Expanded functionality of existing tool to recognize new camera specifications. Created a licensing tool in C#.

APRIL 2018-JULY 2018

Mobile Application Developer | Nordiasoft | Gatineau, QC

- Created an Android app in Java that turned a phone into a radio input and controller using a SDR.

EDUCATION

2015 - 2020

BASc in Computer Engineering: Computer Engineering (Management & Coop Options)
University of Ottawa Ottawa, ON

- Graduated Cum Laude (7.9/10) with focus on Systems Design, Database, AI and Networking in both hardware and software. Entrepreneurship option in Marketing and Product Design and Coop Experiences.
- Actively participated in various extracurriculars including IEEE, founding uOttHack, leading a team of 14 as a Ottabotics Software Lead and various local and provincial policy and financial roles such as ESSCO Board Chair and uOttawa Engineering Endowment Fund member for 4 years
- Completed a capstone project on AI-driven software solutions and designing sustainable healthcare technology for aging population