Oliver Straszynski

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Education

BASc in Computer Engineering - 2018
University of Toronto

Engineering Business minor – 2018
University of Toronto

Technical Skills

Languages: Kotlin, Java, Javascript, Solidity, C++, C, VBA, Python
Frameworks: Android, React, Node
Technologies: Git, Gitlab, Jira, npm
Fluency: English, French

Professional Experience

Software Developer, *Konrad Group*   **2018 – Present**

- As front-end Android Developer / Consultant, I've helped build a large number of commercial applications in an Agile environment.
- Implemented features & patterns including; Auth0 Authentication, SSO, 2FA, MVVM, CLEAN
- I work directly with Client teams (product, design & engineering) on all phases of product development, and have end-to-end experience transforming a Client Statement into a final product.
- In my opinion, diligence in unit testing, code review, and continuous improvement of the development pipeline are the keys to consistently creating an outstanding product.

Production Supervisor, *General Motors*   **2018**

- As Production Supervisor I managed 25 employees on a pickup-truck production line.
- I was responsible for ensuring that standards for employee safety, product quality, and production quotas were met.
- Independently developed VBA algorithms to help recognize trends in production data, such as wasted resources or recurring defects.
- Developed my interpersonal & communication skills, and gained exceptional hands-on leadership experience.

Robotics Engineering Intern, *General Motors*   **2017**

- I was given the task of creating the UI for a new touchpads being used to control all robots & conveyors at the Oshawa Assembly Plant.
- Independently designed, developed and tested a custom communication protocol to allow products from different manufacturers to communicate seamlessly.
- Created a VBA tool to automate the conversion of over ten thousand robot control programs for the new touchpads, saving countless hours of manual conversion time.

Personal Projects

Iris - Modern Color Picker for Android

- Iris is a color selector app for creatives on the go. The user can select a color using a range of methods, can save their favorite shades, and see relevant data about the color (RGB, HEX etc).
- Independently creating this app has given me experience dealing with the nuances of deploying to the Google Play Store, and the steps needed to independently take an app from ideation to deployment.
- Source Code: github.com/broliver12/iris

Portfolio - Custom Personal Website

- A modern web app that acts as a personal marketing site, and portfolio.
- Custom built logos, components, and animations give the app a unique appearance and smooth feel.
- Source Code: github.com/broliver12/portfolio

ERC721 Foundry - NFT Project Template

- Solidity project containing multiple implementations of the ERC721 (NFT) Smart Contract standard.
- Implementations are extensible, and meant to be overridden with custom functionality.
- The library includes a complete suite of unit tests, so developers can override the base contracts with confidence.
- Source Code: github.com/broliver12/erc721_foundry

Athletic Achievement (Swimming)

- Competed at the Canadian Olympic Trials (2008, 2012, 2016).
- Named UofT's All-Sport Male Rookie of the Year (2015).
- Gold medalist at multiple international competitions while representing Canada.
- Won the U-Sports national swimming championship while representing UofT.