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Oliver Straszynski

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

Fluency: English, French

Professional Experience

Software Developer, *Konrad Group*

2018 – Present

- Contributed to building Android products for global conglomerates across key industries.
- Implemented essential features & patterns including; Auth0 Authentication, SSO, 2FA, MVVM, CLEAN.
- Worked closely with client teams (product, design & engineering) on all phases of product development, fostering a productive and communicative environment throughout.
- Consistently met client needs by developing effective technical solutions and robust final products.
- Created & led 5+ detailed technical presentations on our software stack.

Production Supervisor, *General Motors*

2018

- Supervised a team of 25 employees on a pickup-truck production line.
- Responsibilities included ensuring employee safety standards, product quality, and production quotas.
- Developed VBA algorithms to help recognize trends (wasted resources & recurring defects) in production data.
- Developed transferable interpersonal & communication skills.
- Gained exceptional hands-on leadership experience.

Robotics Engineering Intern, *General Motors*

2017

- Created a system control app for new touchpads used to control all robots & conveyors at the Oshawa Assembly Plant.
- Designed, developed, and tested a custom communication protocol which allowed products from different manufacturers to communicate seamlessly.
- Created a VBA tool to automate the conversion of 10,000+ robot control programs for the new touchpads, saving countless hours of manual conversion time.

Personal Projects

Iris - Modern Color Picker for Android

- Color picker app for creatives on the go, where the user can select a color using a range of methods, bookmark their favorite shades, and see relevant data about the color (RGB, HEX etc).
- Gained experience deploying to the Google Play Store.
- Exemplifies Android development best practices.
- Source Code: github.com/broliver12/iris

Portfolio - Custom Personal Website

- Modern web app serving as a personal website and portfolio.
- Designed custom logos, components, and animations to create an enhanced and aesthetically-pleasing user experience.
- 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.
 - Includes a complete suite of unit tests, so developers can override the base contracts with confidence.
 - Source Code: github.com/broliver12/erc721_foundry
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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.