

# Hans Krohn

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## EDUCATION

### **Western University - London, ON**

Bachelor of Software Engineering - May 2022 (*Expected Graduation Date*)

+ Recipient of the Western Scholarship of Distinction.

### **Flatiron School - Houston, TX - May 2019 - August 2019**

Software Engineering Bootcamp

+ Full Stack Web Development.

+ Published technical blogs on Medium (Faun and The Startup).

## TECHNICAL PROJECTS

### **Tracker** - [Website](#) | [Github](#)

*A data tracking app that allows users to easily add data and display data using a variety of chart options.*

+ Incorporated JWT authentication to authenticate and authorize user actions across the app.

+ Implemented Regex expressions to protect against XSS attacks.

+ Implemented Multer to manage and upload pictures.

+ Utilized React Hooks to handle states in functional components.

### **TheTechieStore** - [Website](#) | [Github](#)

*An e-commerce app designed to offer users a simple and pleasant experience when navigating through the shop.*

+ Emphasize on JavaScript and CSS animations to offer the users a pleasant experience across the app.

+ Utilized React-Redux to provide a seamless UI and UX.

+ Developed using the MERN Stack.

+ Implemented React Bootstrap for faster development.

### **3DFreeRoamGame** - [Github](#)

*A 3D game where a player roams the map fighting enemies. Each enemy defeated increases his power level before challenging the final boss.*

+ Built with Unity Game engine.

+ Utilized Unity's physics engine to create a realistic feel to player movements and abilities.

+ Managed scenes that allowed the player to select his playstyle. The player can choose between melee and ranged attacks.

### **Let Meet** - [Github](#)

*A social media app created to tackle common problems students face when creating group study events.*

+ Developed using Ruby on Rails, PostgreSQL, and React.

+ Implemented Active-Storage to manage and upload user profile pictures.

+ Implement a follower/following relationship using an intermediate Relationship Schema Model to relate Users to Users.

## EXPERIENCE

### **Ivey FinTech Innovation, October 2020 - Present**

+ Working with a group of Software Engineering and Computer Science students to develop a web app for [Community Living London](#).

### **Freelance Developer, August 2020 - Present**

+ Working as a Freelance Developer, currently developing an app for Android and iOS operating systems.

### **Volunteer Tutor, September 2018 - Present**

+ Lead seminars for fellow programming students that teach programming fundamentals and algorithm problem-solving strategies.

## SKILLS

+ JavaScript, Java, Dart, Flutter, Ruby, Ruby on Rails, SQL, MongoDB, ReactJS, NodeJS, Redux, HTML/CSS, MERN Stack, MEAN Stack, Angular.

+ Fluent in English and Spanish.