

Gregory Sheyn

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Qualifications/Experience Highlights

- Over 3 years of experience as a full-stack software engineer with the ability to derive creative solutions by thinking outside the box
- Broad experience ranging from mobile and web software development to AI applications
- Passionate about the development of mobile applications in React Native
- Experienced with AWS relating to S3 Storage and AWS Lambda Function formulation
- Familiarity with a variety of tools: IntelliJ IDE, Visual Studio, Eclipse
- Designed, planned, and implemented successful large-scale projects for both startups and large companies

Education

McGill University

B.A. – Double majored in Computer Science and Economics in 3 years (2019-2022)

Skills/Breadth of Knowledge

Front-End Software Engineering: JavaScript, HTML, CSS, TypeScript, React.js, Next.js, React Native, Redux, TailWind.js, Material UI

Back-End Software Engineering: Python, Java, C, C++, Node.js, Express.js

Scripting Languages: Bash, PowerShell

Mathematical Expertise: Calculus, Statistics, Modeling, Linear Algebra, Discrete Mathematics

Other Skills: Excel (advanced programming), Adobe XD, Figma

Languages: English, French

Github: <https://github.com/gsheyn05>

Professional Experience

Carousel Inc

Founding Software Engineer

August 2022 - April 2023

Responsibilities:

- Development of web platforms: Frontend in React.js with Typescript
- Development of Frontend UI based on Adobe XD mockups.
- Development of a mobile application in React Native.
- Development of new backend functions for the company platform in node.js on a MySQL server instance based in EC2 relating to authentication and status and the retrieval and storing of video and photo assets in AWS S3.

Projects:

- React Native development of applications' UI and functionality for a significant multi user application.
 - Automating the Conversion of RAW Photo/Video Assets to Jpeg in an s3 bucket storage lambda function.
 - Development of a mobile application in React Native with features such as word-to-image conversion using the Open-Ai DALL-E-2 Model API.
 - Development of new backend functions for the company platform in node.js relating to authentication status and the retrieval and storing of video and photo assets in AWS S3.
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Movilitas Consulting**Software Operations Intern****June 2021 - August 2021****Responsibilities:**

- Supported the Global Operations and IT team with their technical operations
- Aided the Financial team with the development of essential scripts used for company management.

Projects:

- Automizing the onboarding process using PowerShell and Python within the Office 365 Environment (Python Text Parsing and Data Management, AZURE Environment)
 - Development and management of VBA Script to maintain financial headcount reports.
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McGill University Research, META Layer Development Research Group**Programmer****May 2020 - August 2020****Responsibilities:**

- Part of the Research Team under the guidance of Post Grad Student and McGill Assistant Professor tasked with improving and documenting prior META Layer codebase for a general-purpose robot AI that can problem-solve in a simulated environment.
 - Worked with Java, IntelliJ, and J-Unit and learned more about software development processes and practices within Java.
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McGill University Residence Council**VP of Finance, Student Residence Hall McConnell Hall****September 2019- June 2020****Responsibilities:**

- Managed Residence budget by developing an Excel budget sheet monitoring residence improvements and events expenditures for a residence of over 250 people.