

# Alex Guo

647-448-5950 | [alexanderg2000@gmail.com](mailto:alexanderg2000@gmail.com) | [linkedin.com/in/alexguo2000](https://www.linkedin.com/in/alexguo2000) | [github.com/AlexGuo43](https://github.com/AlexGuo43)

## EDUCATION

### University of Toronto

*Bachelor of Applied Science - Computer Engineering, cGPA: 3.90*

Toronto, Ontario

Sep. 2023 – May 2028

### Victoria Park Collegiate Institute

*International Baccalaureate Program*

Toronto, Ontario

Sep. 2019 – May 2023

## EXPERIENCE

### React Developer

May 2024 – Present

*Centivizer*

*Remote*

- Implemented a Family Dashboard using React and MUI, incorporating responsive design principles and API integration to facilitate real-time communication for users in long-term care and retirement homes across Canada
- Improved old dashboard UI and functionality, such as moving notification states to App.js to keep it consistent throughout the application
- Summarized state of the previous developer's work of the login system and compiled a list of needed APIs, detailing the data sent to the backend and the expected response, sent to the backend team to ensure frontend functionality
- Worked with other frontend developers to migrate video-calling feature to the Family Dashboard

### Full-stack Developer

September 2023 – Present

*Project Tech Careers*

*Remote*

- Used Django to make a new recruitment app which helps to streamline the recruitment process, making it 50% more efficient
- Built the recruitment platform from scratch, starting from a mockup on Figma to building the user application pages, admin management systems, and booking interview process
- Designed new backend models to store user's info such as resumes, applications via a junction table, role info and questions related to the role
- Implemented an interactive grid system for admins to select interview availability slots, utilizing jQuery for efficient DOM manipulation and event handling

## PROJECTS & ACTIVITIES

### Upcycling Hacks | *Django, Python, Google Cloud, Vertex AI, HTML, CSS*

March 2024 – March 2024

- A web application made to allow users to upload images of their garbage and uses generative AI to identify the object, check if it's repurposable, and come up with creative ways to repurpose that item
- Features include safety detection, i.e. you can't reuse a syringe
- Leveraged Vertex AI Gemini API to interact with Google's Gemini Pro Vision model
- Other tools include: Google Cloud storage bucket, Google Cloud SDK, and Django

### Today-i-learned | *HTML, CSS, JavaScript, React*

July 2023 – September 2023

- Implemented an online forum to show facts that can be up-voted
- Integrated Supabase API to store user posts and to perform CRUD operations via the backend service
- Made the app responsive using CSS media queries
- Rendered components dynamically depending on application state, such as loading indicators
- Used React hooks like useEffect and useState to make the app interactive

### Personal website | *React, HTML, CSS, JavaScript, VSCode, Git, GitHub*

July 2023 – September 2023

- Created a modern-looking personal website serving as an online portfolio
- Built using modern developer tools such as ViteJS
- Practiced with Git, GitHub, and developer workflow
- Fully deployed project using Github Pages and under a custom domain: <https://alexguo2000.com>
- Learned to use tools like CSS modules

## SKILLS

**Languages:** Java, Python, C, C++, JavaScript, HTML, CSS, SQL, MATLAB

**Frameworks:** React, MUI (Material-UI), Django, Bootstrap, Node.js, JUnit, FastAPI

**Developer Tools:** Git, VS Code, Visual Studio, IntelliJ, Eclipse, Figma, Google Colab, Vite.js

**Libraries:** pandas, NumPy, Matplotlib, TensorFlow, PyTorch