

# Andrew Chen

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## EXPERIENCE

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### Web Developer

June 2021 – current

*Freelance*

*Markham, ON*

- Designed and implemented a website for Bayview Model UN with Instagram API integration for advertising
- Designed and implemented a website for the Public Schools Speech Organization with React that uses the Mailchimp API to automate email newsletters
- Currently working with a UX designer to improve and implement user flows for Café Blanc with Google Analytics tracking

### STEAM Camp Teaching Assistant

March 2019 – April 2019

*City of Markham*

*Markham, ON*

- Actively managed the relationship between the camp executives and parents of camp attendees
- Assisted children of varying mental capabilities develop skills in STEAM subjects
- Created lesson templates, lesson plans, and outdoor activity plans for camp teachers and students

## PROJECTS

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### Perdiem | *Next.js, React, Figma*

February 2022 – Present

- Developed a data-driven financial dashboard with Next.js and Node
- Improved data fetching and implemented lazy data fetching to reduce build times by 30%
- Allowed for users to control their own data through .csv exports

### Munkey | *Next.js, React, Firebase, Figma*

September 2021 – present

- Implemented and managed an authentication system with three levels of accounts
- Implemented JWT web token authentication and authorization
- Used Figma to create a design system of components for optimal user experience and accessibility

## AWARDS

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### Hackathon and Computer Science Awards

- Winner of the EdTech category at StormHacks 2022
- Placed in the 10th percentile for the Canadian Computer Contest
- Placed in the 25th percentile for the Euclid Mathematics Contest
- Placed in the 15th percentile for the Canadian Open Mathematics Contest

### Business Awards

- Placed 2nd out of over 1500 teams worldwide in the DECA category of Project Management - Community Awareness Project for the creation of Project:AFK, an awareness non-profit organization
- Provincial champion in the categories of Independent Business Plan and Independent business plan for the creation of full business reports and plans for local and international businesses

## TECHNICAL SKILLS

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**Languages:** HTML/CSS/JavaScript, Python, C++, SQL (Postgres), Java, R

**Frameworks:** React, Node.js, Next.js

**Developer Tools:** Linux, Git, Github, Circle CI, Docker, Kubernetes, MS Office, Google Cloud Platform

**Libraries:** pandas, NumPy, Matplotlib, framer-motion

## EDUCATION

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### Bayview Secondary School

Richmond Hill, ON

*IB Diploma and OSSD Diploma, — 99% average*

*Sept. 2018 – June 2022*

- Bayview Model UN Conference Director — Bayview Computer Club — Bayview DECA Trainer — Yearbook Writer