

Daniel Xu

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Education

University of Waterloo

Sept 2017 – Apr 2022

- Bachelor of Computer Science, Minor in Psychology

Skills Summary

Languages

JavaScript • TypeScript • Python • C++ • C# • C • Java

Technologies

React • Node • .NET • SQL • Android • Electron

Tools & Libraries

Jest • Git • Heroku • Socket.IO • Bootstrap • Material-UI

Experience

HealthHub Solutions | Software Developer

May 2020 – Dec 2021

- Refined UI/UX skills by implementing the front-end of a video chat application for integrated bedside terminals at hospitals, using **React** and **TypeScript**
- Created services for transforming bedside terminals into Wi-Fi hotspots using **Python**
- Demonstrated proficiency in automated testing with **Jest** and **React Testing Library** by reaching 90%+ in code base coverage

Bell & Howell | Full Stack Developer

Sept 2019 – Dec 2019

- Engineered a custom browser application for printing machines using **C#** and **.NET**
- Designed mockups in Adobe XD for a new workflow allowing printing machine operators to classify mail pieces and reconstructed the mockups in **HTML**, **CSS**, and **JavaScript**
- Developed stored procedures and integrated database functionality with **SQL**

GryphTech Inc. | Front-End Developer

Jan 2019 – Apr 2019

- Implemented a statistical dashboard for businesses and an intuitive image uploader/editor within the browser using **JavaScript**
- Demonstrated leadership by handling coordination of various teams: Product, Design and Dev

Projects

Pickstop

pickstop.gg

- Esports website for creating bracket predictions with scoring and leaderboards
- Implemented an event creator tool that ties tournaments to API data using **.NET**
- Handled the connections between front-end, back-end and database with **React**, **C#**, and **SQL**
- Most recent major event had over **900** unique participants

Rocket Friends

github.com/danielxu7/RocketFriends

- Web application that helps Rocket League players build teams and connect with each other
- Back-end built with **Node** and **Express**, using **MongoDB** to store information
- Utilizes **JSON Web Tokens** for authentication and **web sockets** for live messaging

Interests

- Competitive Rocket League Player for University of Waterloo and UW Esports Executive
- Researching areas of psychology, sociology, and global politics