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# Daniel Pupke

Available to Start: January 2025

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## EDUCATION

### Northeastern University

Sep 2021 - May 2026

*Candidate* for B.S. in Computer Science | GPA: 3.6

Relevant Coursework: Object-Oriented Design, Algorithms, Computer Systems, Mathematics of Data Models

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## SKILLS

**Languages:** Java, Python, Javascript, Typescript, CSS/HTML, SQL, R

**Frontend:** React, React Native, Tailwind CSS

**Backend:** Express.js, Node.js, Django

**Database:** MySQL, MongoDB

**Cloud:** Azure, AWS

**Other:** Turborepo, Android, CapacitorJS

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## EXPERIENCE

### Frontend Developer Intern

Jan 2024 - June 2024

*SkyIT Services | Subsidiary of GBCS Group*

*Calgary, Alberta Canada (Remote)*

- Planned, presented, and led a project utilizing Turborepo to build and deploy a monorepo that encompassed three frontend web app (React) repos, boosting efficiency and reusability among all three project codebases.
  - Implemented CapacitorJS to develop and successfully deploy two new features in the company fleet management Android app Aukai (React Native), allowing users the ability to scan barcodes and store fleet vessel information offline, enabling clients to use our services out in the field.
  - Collaborated with UI/UX designers to implement visual designs into both company websites (gbcsgroup.com & skyit.services), continuously updating each website to create a more engaging user experience.
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## PROJECTS

### Online Calendar (*MERN Stack*)

Nov 2024 - Present

- An interactive online calendar full-stack application for personal use and collaboration.
- Features include basic event scheduling, reminders, and real-time updating.

### Final Exam Helper (*Python*)

Jun 2023 - Present

- A study aid leveraging machine learning to analyze lecture notes and identify the most relevant topics for final exam preparation, utilizing a Naive Bayes classifier to tokenize and rank topics as they appear.
- Incorporates NLTK and Scikit-learn for text preprocessing and modeling

### 2048 Game (*React*)

Sep 2022

- A web-deployed version of 2048, integrating MongoDB to increase load capacity and enable features such as undo and replay.
  - Features a Typescript and React based client and an ExpressJS backend.
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